

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Apr/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.152	1422.225	1) Gujrat	-5.399	-28.880
2) Hydro	14.398	170.306	2) Madhya Pradesh	7.478	78.914
3) Gas	3.115	25.309	3) Chattisgarh	4.200	43.110
Total MSPGCL	171.665	1617.840	4) Maharashtra	172.338	1612.611
B) 1) APLM	75.754	660.550	5) Goa (Amona)	-1.723	-12.035
2) JSWEL	25.110	210.913	Total	176.894	1693.720
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.330	281.470
4) RPL(AMT)	25.373	253.936	b) Mumbai Drawl	34.604	316.048
5) SWPGPL	9.311	98.002	c) MSEDCL Bilateral *	70.769	876.674
6) Other IPP	20.873	207.477	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.330	281.470
C) 1) TPCL Thermal	9.999	91.549	Include PX	0.000	0.000
2) TPCL Hydro	3.019	39.947	Standby	0.000	0.000
3) TPCL Gas	3.055	21.074	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.601	93.979	1) MSEDCL	484.574	4595.371
D) STATE			2) Mumbai Discoms	61.278	562.597
1) Thermal	331.173	3038.631	3) Other Discoms	9.586	90.013
(A1+C1+C4+(B1-B6))			TOTAL STATE	555.438	5247.981
2) Hydro	17.417	210.253			
(A2+C2)					
3) Gas	6.170	46.383			
(A3+B7+C3)					
4) Wind	8.954	123.664			
6) SOLAR	14.830	135.330			
TOTAL STATE	378.544	3554.261			

* 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 3 Hrs
MSPGCL Thermal	5462	6649	6522	6450
MSPGCL Hydro	337	873	1224	343
MSPGCL Gas	125	123	121	136
MSPGCL Total Generation	5924	7645	7867	6929
Central Sector Receipt	9344	8485	6971	6490
WIND	241	99	358	720
CPP / IPP Thermal	6232	6502	6597	6627
CPP / IPP Gas	0	0	0	0
SOLAR	2140	1133	0	0
Exchange with Mumbai	-1826	-1778	-1376	-1170
MSEDCL DEMAND MET	21618	21652	19986	19274
Load Shedding	0	0	0	0
MSEDCL DEMAND	21618	21652	19986	19274
TPCL GENERATION	485	518	811	732
AEML GENERATION	325	426	474	473
MUMBAI DEMAND	2636	2722	2661	2375
OTHER DISCOM DEMAND	437	434	431	322
STATE DEMAND MET	24691	24808	23078	21971
STATE DEMAND	24691	24808	23078	21971
Frequency (Hz)	49.96	49.97	49.96	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 18.03 Hrs	49.71 Hz at 14.12 Hrs	49.99	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/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.71	41.72	210	170
Unit 8	13.87	123.20	625	539
Unit 9	0.00	21.00	0	0
Unit 10	13.57	118.28	590	510
Total	32.15	304.19		
Bhusawal				
Unit 3	3.37	30.12	155	125
Unit 4	10.06	66.48	460	290
Unit 5	10.94	97.55	490	285
Total	24.36	194.16		
Parli				
Unit 6	5.01	44.74	250	150
Unit 7	3.71	42.26	216	118
Unit 8	3.98	33.72	190	142
Total	12.70	120.73		
Chandrapur				
Unit 3	3.68	33.82	171	130
Unit 4	0.00	23.71	0	0
Unit 5	8.80	79.87	415	280
Unit 6	8.84	77.68	410	285
Unit 7	9.04	83.98	435	278
Unit 8	11.48	98.81	492	397
Unit 9	0.18	51.43	111	0
Total	42.03	449.30		
Paras				
Unit 3	4.89	35.57	222	146
Unit 4	5.44	32.10	245	191
Total	10.33	67.67		
Khaparkheda				
Unit 1	2.96	26.23	135	110
Unit 2	2.68	19.51	134	56
Unit 3	4.09	37.64	184	134
Unit 4	4.15	37.64	193	130
Unit 5	10.74	96.76	460	360
Total	24.63	217.78		
Nasik				
Unit 3	3.96	35.62	183	125
Unit 4	4.00	4.48	180	129
Unit 5	0.00	28.30	0	0
Total	7.95	68.39		
Uran				
All Units	3.12	25.31	141	119
Total	3.12	25.31		
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)	0.09	1.23	43	0
Total	0.09	1.23		
Koyna				
Stage 1-2	3.76	41.58	485	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	4.70	67.49	500	0
Stage 3	1.77	23.40	320	0
Total	10.23	132.47		
Hydro				
KDPH	0.84	7.70	35	35
VTRNA	1.20	10.60	61	0
TILLARI	0.00	1.82	0	0
BHIRA T.R.	0.24	2.30	77	0
SMLHY_PTN	1.80	14.19	80	67
GHATGHAR	0.00	0.00	0	0
Total	4.08	36.61		
Wind				
Total	8.95	123.66	0	0
Total	8.95	123.66		
CPP				
APML(Mus)	75.75	660.55	0	0
JSWEL(Mus)	25.11	210.91	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.37	253.94	0	0
SWPGPL-Mus	9.31	98.00	0	0
Dhariwal	5.53	52.31	271	152
IEPL	5.34	44.76	271	196
Other(Mus)	10.00	110.41	0	0
Total	156.42	1430.88		
SOLAR				
Total	14.83	135.33	0	0
Total	14.83	135.33		
Tata				
Trombay 5	6.52	60.53	318	263
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	11.78	107	43
Trombay 7B	1.25	9.30	65	38
TATA Hydro	3.02	39.95	376	4
Trombay 8	3.48	31.02	214	130
Total	16.07	152.57		
AEML				
DTPS U-1&2	10.60	93.98	501	325
Total	10.60	93.98		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	154.15	1422.22
MSPGCL Thml+Gas	157.27	1447.53
MSPGCL Hydro	14.40	170.31

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	171.66	1617.84
Koyna 1,2 & 4 Total	8.46	109.07
State Total	378.54	3554.26

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Apr/2023

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	6710	213	134	7057	1008	6701	0	0	6575	6338	-1290	19444	0	0	19444	2695	370	22509	49.98
2	6420	213	135	6768	940	6627	0	0	6586	6384	-1211	19162	0	0	19162	2528	346	22036	49.90
3	6450	343	136	6929	720	6627	0	0	6332	6490	-1170	19274	0	0	19274	2375	322	21971	49.93
4	6804	211	136	7151	736	6508	0	0	6580	6530	-1151	19461	0	0	19461	2274	313	22048	49.97
5	6795	341	137	7273	623	6689	0	0	6400	6539	-1070	19721	0	0	19721	2222	333	22276	50.00
6	6822	866	138	7826	523	6725	0	0	6263	6389	-989	20115	0	0	20115	2290	359	22764	50.03
7	6737	1014	138	7889	450	6590	0	58	6514	6704	-1096	20213	0	0	20213	2274	382	22869	50.08
8	6715	346	137	7198	267	6419	0	475	7302	7088	-1304	19748	0	0	19748	2266	395	22409	50.05
9	5930	367	141	6438	208	6324	0	1009	7583	7640	-1429	19780	0	0	19780	2346	410	22536	50.02
10	6131	265	130	6526	189	6347	0	1553	8206	7926	-1604	20511	0	0	20511	2451	426	23388	50.04
11	5975	223	128	6326	221	6249	0	1919	8902	8597	-1740	21137	0	0	21137	2569	435	24141	50.02
12	5462	337	125	5924	241	6232	0	2140	9136	9344	-1826	21618	0	0	21618	2636	437	24691	49.96
13	5846	158	122	6126	225	6271	0	2200	8973	8787	-1831	21373	0	0	21373	2660	405	24438	49.90
14	5765	223	123	6111	143	6249	0	1978	8839	8958	-1825	21213	0	0	21213	2658	401	24272	49.97
15	6290	721	123	7134	95	6317	0	1448	8850	8837	-1840	21574	0	0	21574	2707	417	24698	49.90
16	6649	873	123	7645	99	6502	0	1133	8620	8485	-1778	21652	0	0	21652	2722	434	24808	49.97
17	6650	995	121	7766	153	6495	0	667	8162	8161	-1697	21116	0	0	21116	2672	429	24217	49.99
18	6608	926	119	7653	158	6513	0	231	7609	7647	-1608	20149	0	0	20149	2580	445	23174	50.05
19	6553	857	122	7532	256	6520	0	19	6997	6942	-1378	19442	0	0	19442	2557	449	22448	50.02
20	6522	1224	121	7867	358	6597	0	0	6980	6971	-1376	19986	0	0	19986	2661	431	23078	49.96
21	6527	1065	127	7719	266	6639	0	0	6556	6512	-1374	19348	0	0	19348	2720	414	22482	49.97
22	6539	805	132	7476	264	6711	0	0	6421	6468	-1307	19199	0	0	19199	2751	413	22363	49.98
23	6616	815	133	7564	351	6757	0	0	6411	6676	-1322	19610	0	0	19610	2801	416	22827	49.99
24	6636	997	134	7767	460	6812	0	0	6421	6481	-1388	19730	0	0	19730	2863	402	22995	50.01
MUs	154.15	14.40	3.12	171.67	8.95	156.42	0.00	14.83	177.22	176.89	-34.60	484.57	0.00	0.00	484.57	61.28	9.59	555.44	49.99

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Apr/2023

Position as on 6.30 Hrs of 10/Apr/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 6	80	10/04/2023	08:05	10/04/2023	Continued.	Preventive Maintenance Work	10/04/2023
FORCED OUTAGE								
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	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)	
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.	01/04/2024
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	07/04/2023
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.	01/05/2024
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	31/07/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	30/05/2023
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Gas shortage	
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	01/06/2023
MSPGCL	Uran Unit 6	108	29/03/2023	08:33		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 9	500	05/04/2023	13:28	09/04/2023	22:01	Generator rotor earth fault	10/04/2023
IPP	RPL(AMT) U-3	270	06/04/2023	18:18		Continued.	APH problem	10/04/2023
MSPGCL	Chandrapur Unit 4	210	08/04/2023	00:00		Continued.	Boiler Tube Leakage	12/04/2023
MSPGCL	Koradi Unit 9	660	08/04/2023	11:01		Continued.	Boiler Tube Leakage	11/04/2023
MSPGCL	Nasik Unit 5	210	08/04/2023	20:20		Continued.	Boiler Tube Leakage	11/04/2023

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Apr/2023

Statement-VII

Position as on 6.30 Hrs of 10/Apr/2023

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 - 1	IntraState	09/04/2023	22:22			T	Tripped on distance protection
400 KV MAINBAY Outages/Trippings							
MAIN BAY (404) OF AURANGABAD (PG) - 1 @ AKOLA	IntraState	09/04/2023	20:53	09/04/2023	22:34	T	400 kV Akola Aurangabad PG ckt 1 AR successful both ends but main Bay 404 tripped.
400 KV LINE Outages/Trippings							
TALANDGE - KOLHAPUR (PG) CKT - 2	InterState	20/03/2023	07:49			PO	For reconductoring of Moose conductor with HTLS conductor for sytem improvement. AR to be kept in non Auto mode for 400KV-KOLHAPUR-MS-KOLHAPUR GIS -1
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	03/04/2023	11:30			HT	H/T TO CONTROL LINE LOADING OF PUNE PG
PADGHE - KALWA CKT - 2	IntraState	08/04/2023	22:30	09/04/2023	05:35	PO	1) Replacement of CT with new 3000/1A ratio by M/s Apar along with HTLS conductor replacement from Gantry to CT . 2) Bay maint work 3) Diagnostic Testing work 4) MTAMC work 5) replacement of 29C bus PG isolator under LES scheme .
LONIKAND 2 - KARJAT CKT - 1	IntraState	09/04/2023	10:25	09/04/2023	13:18	PO	Diagnostic testing and Maintenance
PADGHE - KALWA CKT - 1	IntraState	09/04/2023	21:55	10/04/2023	03:52	PO	Replacement of existing conductor by HTLS conductor.
KHADKA-AURANGABAD (WALUJ)	IntraState	10/04/2023	10:20	10/04/2023	14:02	T	TRIPPED ON DIST.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.
400/220/33 KV 500MVA ICT - 1 @ DEEPNAGAR	IntraState	08/04/2023	08:11	09/04/2023	22:01	PO	For oil filtration of $\delta Y \delta$ ph. Unit as water content detected during the DFR test & for replacement of 220kV LV bushing of $\delta Y \delta$ ph. unit of 400/220kV ICT-I from external agency as detected oil leakage on Dtd. 22.04.2022.
400/220/33 KV 315 MVA ICT - 2 @ KOLHAPUR	IntraState	10/04/2023	12:25			PO	1. Annual Relay testing Work. 2. Protection & Cooling System supervisory trials 3. C bus isolator OH work
400/220 KV 3X105 MVA ICT - 1 @ NAGOTHANE	IntraState	10/04/2023	12:39			PO	Regular Maint work and Dignostic testing work
220 KV LINE Outages/Trippings							
NALASOPARA - BOISAR PG	InterState	09/04/2023	15:11			PO	Bay Maintenance Work & Outage required for String replacement work
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	10/02/2023	09:45			PO	Breaker overhauling work. (RFC AT 21:23 HRS DT.10/02/2023 AND KEPT OPENED FOR LOAD MANAGEMENT)
EKLAHARE (OCR) - PADGHE	IntraState	05/03/2023	08:55			HT	For load management
AEML BORIVALI - TPC BORIVALI LINE	IntraState	20/03/2023	00:14			T	Tripped due to cable joint failure.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	08/04/2023	10:10	09/04/2023	00:01	HT	H/T For load Management.
KARAD - KADEGAON	IntraState	09/04/2023	00:59	09/04/2023	01:22	T	Tripped at Kadegaon

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Apr/2023

Statement-VII

Position as on 6.30 Hrs of 10/Apr/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
URSE - M. HINODAYA CO	IntraState	09/04/2023	12:56	09/04/2023	18:45	EO	R-Y-B ph 3 nos. CT replacement work at Urse S/stn.
BUTIBORI-ABHIJEET	IntraState	09/04/2023	13:35	09/04/2023	23:04	T	DP AT B E= RPH=11.33KA,
PARAS-BALAPUR I	IntraState	09/04/2023	19:17	09/04/2023	20:17	T	TRIPPED ON PDR
PARAS-CHIKHALI CKT NO-I	IntraState	09/04/2023	19:46	09/04/2023	19:56	T	DP Z1,B-PH,1.6KA
KALMESHWAR-PANDHURNA	IntraState	10/04/2023	09:57			PO	s/d is for Re-sagging work at loc no 03R-278, 278-294
NEW KOYNA - NIWALI	IntraState	10/04/2023	10:20			PO	TBC Shifting for replacement of Dynamic seal of circuit breaker R.PH.
MUDSHINGI - CHIKODI	IntraState	10/04/2023	10:56			PO	Annual maintenance work
POPHLI PEDHMBE LINE- 1	IntraState	10/04/2023	11:20			PO	For Bay P/M & Bay Complaint Attending work.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	10/04/2023	14:17			HT	H/T For load management.
220 KV ICT Outages/Trippings							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220 / 110 / 22kV 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220 / 110 / 33kV 250MVA ICT 8 @ DHARAVI	IntraState	09/04/2023	09:15	09/04/2023	20:16	PO	PROJECT WORK-FOR DISCONNECTION OF 110 KV SIDE JUMPER
220 / 110 / 33kV 315 MVA ICT 5 @ @ CARNAC	IntraState	09/04/2023	09:28	09/04/2023	17:03	PO	FOR R/M AND TESTING
220/100 KV 200 MVA ICT 1 @ BORIVALI	IntraState	09/04/2023	09:39	09/04/2023	18:53	PO	Replacement of old rusted Earth Wire and R&M work of 100 kV Main Bus
220/132 KV 100 MVA ICT - 1 @ ALEPHATA	IntraState	09/04/2023	10:58	09/04/2023	13:33	PO	For oil leakage attending
220/33-33KV 100MVA TF NO. - 1 @ ICHALKARANJI - II	IntraState	10/04/2023	09:01	10/04/2023	16:37	PO	1)Quaterly bay maintenance work 2) HV and LV bay diagnostic testing 3) Pre-Monsoon maintenace work 4) Hot spot attending 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.
SALSETTE VIKHROLI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
WAGHIVALI - CHEMBUR	IntraState	04/04/2023	21:59			PO	FOR 400 KV KVPTL WORK
WAGHIVALI - MANKHURD	IntraState	04/04/2023	23:57			PO	FOR 400 KV KVPTL WORK

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