

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Apr/2024 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.751	1252.671	1) Gujrat	6.691	42.880
2) Hydro	10.462	85.534	2) Madhya Pradesh	13.242	82.970
3) Gas	7.425	46.355	3) Chattisgarh	3.580	23.000
Total MSPGCL	177.638	1384.560	4) Maharashtra	185.346	1244.804
B) 1) APLM	74.129	504.692	5) Goa (Amona)	-1.785	-17.746
2) JSWEL	28.604	162.224	Total	207.074	1375.908
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.573	239.072
4) RPL(AMT)	30.284	219.739	b) Mumbai Drawl	35.045	258.428
5) SWPGPL	10.700	84.619	c) MSEDCL Bilateral *	94.647	688.900
6) Other IPP	23.628	205.486	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.573	239.072
C) 1) TPCL Thermal	11.497	89.504	Include PX	0.000	0.000
2) TPCL Hydro	2.444	29.386	Standby	0.000	0.000
3) TPCL Gas	3.656	27.886	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.511	78.223	1) MSEDCL	538.916	3831.114
D) STATE			2) Mumbai Discoms	63.153	483.427
1) Thermal	349.104	2597.158	3) Other Discoms	10.583	76.300
(A1+C1+C4+(B1-B6))			TOTAL STATE	612.652	4390.841
2) Hydro (A2+C2)	12.906	114.920			
3) Gas (A3+B7+C3)	11.081	74.241			
4) Wind	18.552	114.457			
6) SOLAR	13.935	114.157			
TOTAL STATE	405.578	3014.933			

* 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	6299	6570	6445	6299
MSPGCL Hydro	241	297	251	242
MSPGCL Gas	276	271	284	287
MSPGCL Total Generation	6816	7138	6980	6828
Central Sector Receipt	9805	9801	9249	8913
WIND	201	397	891	800
CPP / IPP Thermal	6730	6622	6962	6700
CPP / IPP Gas	0	0	0	0
SOLAR	1807	1269	0	386
Exchange with Mumbai	-1712	-1769	-1571	-1263
MSEDCL DEMAND MET	23206	22994	22026	21909
Load Shedding	0	0	0	0
MSEDCL DEMAND	23206	22994	22026	21909
TPCL GENERATION	545	608	683	618
AEML GENERATION	488	397	453	500
MUMBAI DEMAND	2745	2774	2707	2381
OTHER DISCOM DEMAND	441	463	485	455
STATE DEMAND MET	26392	26232	25218	24745
STATE DEMAND	26392	26232	25218	24745
Frequency (Hz)	49.96	50.00	49.99	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 18:02 Hrs	49.78 Hz at 20:34 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 07/Apr/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.43	25.47	195	170
Unit 8	14.16	97.86	648	485
Unit 9	14.01	93.74	614	520
Unit 10	0.00	72.90	0	0
Total	32.60	289.98		
Bhusawal				
Unit 3	3.64	25.70	175	120
Unit 4	10.85	77.14	480	385
Unit 5	0.00	49.38	0	0
Total	14.50	152.22		
Parli				
Unit 6	4.45	30.01	232	134
Unit 7	4.37	32.02	245	140
Unit 8	4.74	29.34	250	148
Total	13.56	91.37		
Chandrapur				
Unit 3	3.59	24.35	169	128
Unit 4	3.82	26.40	171	122
Unit 5	9.05	61.80	430	280
Unit 6	8.72	62.45	435	285
Unit 7	7.53	65.32	380	280
Unit 8	10.18	69.94	430	420
Unit 9	11.72	79.40	499	476
Total	54.61	389.66		
Paras				
Unit 3	3.94	27.51	244	0
Unit 4	5.52	39.48	248	199
Total	9.46	66.99		
Khaparkheda				
Unit 1	3.75	26.54	175	135
Unit 2	4.60	29.76	202	174
Unit 3	4.17	28.40	176	171
Unit 4	0.00	25.50	0	0
Unit 5	11.45	78.49	490	450
Total	23.98	188.69		
Nasik				
Unit 3	3.74	22.66	174	116
Unit 4	3.77	26.87	176	130
Unit 5	3.55	24.23	165	120
Total	11.05	73.76		
Uran				
All Units	7.42	46.36	383	270
Total	7.42	46.36		
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)	0.14	1.32	40	0
Total	0.14	1.32		
Koyna				
Stage 1-2	2.15	20.14	245	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	2.80	23.80	997	0
Stage 3	1.40	9.77	240	0
Total	6.34	53.71		
Hydro				
KDPH	0.84	5.93	35	35
VTRNA	0.79	5.58	60	0
TILLARI	0.00	1.62	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.49	16.47	111	97
GHATGHAR	0.00	2.21	0	0
Total	4.12	31.82		
Wind				
Total	18.55	114.46	0	0
Total	18.55	114.46		
CPP				
APML(Mus)	74.13	504.69	0	0
JSWEL(Mus)	28.60	162.22	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.28	219.74	0	0
SWPGPL-Mus	10.70	84.62	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.49	42.62	265	206
Other(Mus)	15.92	127.89	0	0
JPL	2.22	34.98	125	72
Total	167.34	1176.76		
SOLAR				
Total	13.94	114.16	0	0
Total	13.94	114.16		
Tata				
Trombay 5	7.58	58.57	450	258
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.22	17.33	108	59
Trombay 7B	1.44	10.56	65	50
TATA Hydro	2.44	29.39	335	10
Trombay 8	3.91	30.93	229	132
Total	17.60	146.78		
AEML				
DTPS U-1&2	10.51	78.22	501	308
Total	10.51	78.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.75	1252.67	MSPGCL Total	177.64	1384.56
			MSPGCL Thml+Gas	167.18	1299.03	Koyna 1,2 & 4 Total	4.95	43.94
			MSPGCL Hydro	10.46	85.53	State Total	405.58	3014.93

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	7067	1609	380	9056	1022	7332	0	0	7136	7233	-1298	22914	0	0	22914	2909	431	26254	49.98
2	6945	1358	380	8683	971	7313	0	0	7584	7566	-1123	23013	0	0	23013	2716	397	26126	50.02
3	6840	822	380	8042	1141	7215	0	-1	7974	7737	-1185	22563	0	0	22563	2553	385	25502	49.98
4	6825	845	380	8050	1173	7185	0	0	7826	7673	-1273	22442	0	0	22442	2415	366	25223	49.97
5	6861	649	381	7891	1125	7261	0	0	8220	8226	-1259	22870	0	0	22870	2351	374	25595	49.99
6	6891	585	383	7859	1342	7280	0	0	8353	8169	-1134	23130	0	0	23130	2404	385	25919	50.00
7	6916	375	367	7658	1186	7208	0	49	8290	8341	-960	23048	0	0	23048	2407	434	25889	50.03
8	6299	242	287	6828	800	6700	0	386	8752	8913	-1263	21909	0	0	21909	2381	455	24745	50.08
9	6346	227	285	6858	609	6872	0	879	8200	8474	-1413	21810	0	0	21810	2449	469	24728	50.00
10	6489	232	283	7004	444	7010	0	1298	8705	8622	-1469	22439	0	5	22439	2574	470	25483	49.98
11	6699	236	277	7212	328	6967	0	1754	9431	8979	-1650	23152	0	8	23152	2685	438	26275	49.97
12	6299	241	276	6816	201	6730	0	1807	9736	9805	-1712	23206	0	9	23206	2745	441	26392	49.96
13	6237	271	275	6783	185	6532	0	1987	9615	9670	-1739	22985	0	8	22985	2732	433	26150	50.05
14	6341	245	273	6859	264	6414	0	1758	9542	9670	-1651	22871	0	6	22871	2621	443	25935	50.06
15	6623	242	270	7135	360	6682	0	1654	9713	9346	-1607	23108	0	6	23108	2622	462	26192	50.02
16	6570	297	271	7138	397	6622	0	1269	10066	9801	-1769	22994	0	0	22994	2774	463	26232	50.00
17	6642	252	273	7167	492	6773	0	735	9708	9702	-1683	22704	0	0	22704	2744	483	25930	50.00
18	6774	275	276	7325	650	6812	0	315	9147	8885	-1668	21827	0	0	21827	2638	493	24957	49.98
19	6657	251	279	7187	861	6819	0	45	8864	8506	-1624	21310	0	0	21310	2598	484	24392	50.03
20	6445	251	284	6980	891	6962	0	0	9409	9249	-1571	22026	0	0	22026	2707	485	25218	49.99
21	6517	246	288	7051	1021	7052	0	0	8578	8517	-1642	21536	0	0	21536	2733	464	24732	49.96
22	6574	281	291	7146	990	7144	0	0	7872	8108	-1516	21410	0	0	21410	2755	462	24627	49.97
23	6896	240	293	7429	1055	7229	0	0	7946	7996	-1410	21867	0	0	21867	2798	431	25097	49.98
24	6998	190	293	7481	1044	7232	0	0	8232	7886	-1426	21780	0	0	21780	2842	437	25059	50.03
MUs	159.75	10.46	7.43	177.64	18.55	167.34	0.00	13.93	208.90	207.07	-35.04	538.92	0.00	0.04	538.92	63.15	10.58	612.65	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 :-

132kv BBLR to Rahuri line overload.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Apr/2024

Position as on 6.30 Hrs of 08/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.	10/04/2024
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	Bhusawal Unit 5	500	05/04/2024	23:23	08/04/2024	06:14	Boiler Tube Leakage	08/04/2024
MSPGCL	Koradi Unit-10	660	06/04/2024	17:26		Continued.	Boiler Tube Leakage	09/04/2024
MSPGCL	Khaparkhedda Unit 4	210	06/04/2024	20:53	08/04/2024	05:51	Furnace Pressure High	07/04/2024
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	Paras Unit 3	250	07/04/2024	16:08	07/04/2024	22:13	Furnace Pressure High	
Total Capacity MSPGCL		1848						
IPP								
IPP	JPL Unit 2	150	06/04/2024	17:00		Continued.	Due to the Bottom Ash system failure .	09/04/2024
IPP	RPL(AMT) U-1	270	07/04/2024	15:20	07/04/2024	19:57	Due to unit board B tripped.	
Total Capacity IPP		420						
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		2588						
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)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Apr/2024

Position as on 6.30 Hrs of 08/Apr/2024

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

Statement-VII

Position as on 6.30 Hrs of 08/Apr/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	07/04/2024	11:09	07/04/2024	17:38	PO	Changeover of R Ph Reactor with spare ph reactor (765 KV Akola - Ektuni Line-02 reactor) for Cable replacement of mechanical protection and CTs for Spare ph (Akola - Ektuni line-02 Reactor) at Ektuni.
400 KV TIEBAY Outages/Trippings							
TIE BAY (423) OF STATION TF - 1 @ KORADI 2	IntraState	03/04/2024	11:26			PO	Overhauling of Circuit breaker
400 KV MAINBAY Outages/Trippings							
MAIN BAY(418) OF 400KV BABLESHWAR-KUDUS CKT-1@ BABHLESHWAR-400 KV	IntraState	05/04/2024	11:22			PO	400kV Kudus-1 Bay Circuit Breaker Auto reclose Operation
400 KV LINE Outages/Trippings							
PADGHE - BOISAR (PG)	InterState	07/04/2024	13:30	07/04/2024	14:59	T	Tripped on distance protection.
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
PARLI-SOLAPUR (LAMBOTI)	IntraState	06/04/2024	22:40	07/04/2024	00:07	T	Distance Protection
TIRORA - WARORA CKT - 1	IntraState	07/04/2024	14:09	07/04/2024	18:17	T	Tripped on 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.
400/220/20 KV 500MVA ICT - 3 @ KALWA	IntraState	07/04/2024	10:43	07/04/2024	19:54	PO	Diagnostic testing & RM 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							
URAN - KHARGHAR 2	IntraState	14/02/2024	08:41			PO	For making LILO of 220kV cable at 220kV Ulwe GIS & Waghewali & Retrofitting of "DIFF" relay at 400KV KHARGHAR s/s.
ALEPHATA-PARGAON(KATHAPUR)	IntraState	16/03/2024	01:34			HT	Hand Tripped For Load management
KALWA - TFIPL	IntraState	05/04/2024	08:12			PO	1) At 220kV Pawane S/stn: (i) Kalwa line GIS Bay CB CRM, (ii) Insulation Resistance of Kalwa-Pawane line Cable (iii) Partial Discharge Test & iv) 220kV Bay Testing (D08). 2) At 400kV RS Kalwa: All 3 no. 220kV CT replacement work due to heavy leakage.
EKLAHARA(GCR)(NASIK)-BABLESHWAR 1	IntraState	06/04/2024	22:56	07/04/2024	06:13	PO	Replacement of old disc insulator with porcelain long rod insulator strings, replacement of the cross arm at loc no 209 Y ph. Suspension nut bolt tightening work.
EKLAHARA(GCR)(NASIK)-BABLESHWAR 1	IntraState	06/04/2024	22:56	07/04/2024	06:13	PO	Replacement of old disc insulator with porcelain long rod insulator strings, replacement of the cross arm at loc no 209 Y ph. Suspension nut bolt tightening work.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Apr/2024

Statement-VII

Position as on 6.30 Hrs of 08/Apr/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	07/04/2024	05:26	07/04/2024	09:40	PO	Work of 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.
BHIRA - KARANJADE 8	IntraState	07/04/2024	07:05	07/04/2024	11:10	PO	CLOSER INSPECTION
CHAKAN (400KV) - VOLKSWAGEN	IntraState	07/04/2024	09:32	07/04/2024	18:43	PO	Work of Shifting of metering arrangement from single source to two source i.e. summation metering arrangement
AEML BORIVALI - TPC BORIVALI LINE	IntraState	07/04/2024	10:14	07/04/2024	14:08	PO	Protection Testing
PALGHAR - NALASOPARA	IntraState	07/04/2024	12:05	07/04/2024	15:37	PO	Insulator replacement work identified in PID
PALGHAR - PANCHALI TSS	IntraState	07/04/2024	12:15	07/04/2024	14:11	PO	220kV Bus PT-1 Secondary voltages checking work.
LONAND - KANDALGAON (SONA ALLOY TAP)	IntraState	07/04/2024	12:47	07/04/2024	15:09	T	Tripped on distance protection.
220KV GIS DCHI - COLOURCHEM	IntraState	07/04/2024	20:10	08/04/2024	05:50	PO	For Retrofitting of Line differential Relay at both end by testing team, Kalwa.
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	07/04/2024	23:33	08/04/2024	06:36	PO	Replacement of old disc insulator with porcelain long rod insulator strings, replacement of the cross arm at loc no 209 Y ph. Suspension nut bolt tightening work.
220 KV ICT Outages/Trippings							
220/33 KV 50MVA PTR 2	IntraState	27/03/2024	10:27			HT	Overhauling of hv gis hybrid pass (abb make) at 220kV Jalna S/S
220/100 KV 200 MVA ICT 3 @ TROMBAY	IntraState	07/04/2024	08:17	07/04/2024	18:36	PO	For safety purpose For tower painting work in 100KV Switchyard & RM work
220 / 110 / 33kv 315 MVA ICT 5 @ @ CARNAC	IntraState	07/04/2024	09:23	07/04/2024	20:14	PO	Routine Mainetannce and Premonsoon Checks
220/33 KV 50 MVA CGL PTR 1 @ MUDSHINGI	IntraState	08/04/2024	08:15			PO	"Quarterly maint work & transformer painting work."
132 KV ICT Outages/Trippings							
132/33 KV 50 MVA PTR 1	IntraState	04/04/2024	08:01			HT	Dismantling of existing 132/33kv 25mva tf and erection of new nucon make 132/33kv,50mva,tf.
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
KARANJADE - BHOKARPADA	IntraState	07/04/2024	07:00	07/04/2024	13:00	PO	Closer inspection work in vicinity

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