

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Apr/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	166.221	3959.289	1) Gujrat	-3.332	-98.836
2) Hydro	15.528	727.731	2) Madhya Pradesh	7.987	223.396
3) Gas	6.062	158.627	3) Chattisgarh	4.990	111.870
Total MSPGCL	187.811	4845.647	4) Maharashtra	174.798	4218.254
B) 1) APLM	70.930	1636.007	5) Goa (Amona)	-1.064	-37.595
2) JSWEL	22.157	477.415	Total	183.379	4417.089
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.209	709.284
4) RPL(AMT)	31.270	744.997	b) Mumbai Drawl	32.610	789.004
5) SWPGPL	9.162	197.773	c) MSEDCL Bilateral *	66.469	1755.568
6) Other IPP	28.665	794.343	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.209	708.350
C) 1) TPCL Thermal	16.090	379.850	Include PX	0.000	0.858
2) TPCL Hydro	2.818	95.721	Standby	0.000	0.934
3) TPCL Gas	2.475	75.418	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.660	278.076	1) MSEDCL	508.726	12646.203
D) STATE			2) Mumbai Discoms	65.653	1618.078
1) Thermal	356.155	8467.750	3) Other Discoms	8.965	216.363
(A1+C1+C4+(B1-B6))			TOTAL STATE	583.344	14480.644
2) Hydro (A2+C2)	18.346	823.452			
3) Gas (A3+B7+C3)	8.537	234.045			
4) Wind	10.256	331.757			
6) SOLAR	6.671	206.542			
TOTAL STATE	399.965	10063.546			

* 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 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6556	6916	7182	6797
MSPGCL Hydro	432	431	578	378
MSPGCL Gas	247	247	257	246
MSPGCL Total Generation	7235	7594	8017	7421
Central Sector Receipt	8869	9007	7050	6581
WIND	179	182	375	710
CPP / IPP Thermal	6545	6787	6840	6233
CPP / IPP Gas	0	0	0	0
SOLAR	940	903	0	150
Exchange with Mumbai	-1413	-1616	-1381	-1134
MSEDCL DEMAND MET	21956	22477	20508	19563
Load Shedding	0	0	0	0
MSEDCL DEMAND	21956	22477	20508	19563
TPCL GENERATION	816	783	1013	806
AEML GENERATION	496	497	478	485
MUMBAI DEMAND	2725	2896	2872	2425
OTHER DISCOM DEMAND	399	380	393	398
STATE DEMAND MET	25080	25753	23773	22386
STATE DEMAND	25080	25753	23773	22386
Frequency (Hz)	49.94	50.03	49.89	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.24 Hz at 18.02 Hrs	49.59 Hz at 22.13 Hrs	49.97	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 24/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.26	96.77	195	160
Unit 7	0.00	0.00	0	0
Unit 8	12.33	322.69	592	440
Unit 9	13.46	328.98	575	520
Unit 10	13.22	109.36	575	530
Total	43.28	857.80		
Bhusawal				
Unit 3	2.89	59.85	140	95
Unit 4	7.56	222.84	410	280
Unit 5	7.56	225.90	395	275
Total	18.01	508.58		
Parli				
Unit 6	5.06	106.42	233	157
Unit 7	5.14	105.40	227	158
Unit 8	3.31	80.44	150	132
Total	13.51	292.25		
Chandrapur				
Unit 3	4.22	100.62	185	170
Unit 4	4.01	90.94	174	142
Unit 5	8.88	195.64	375	340
Unit 6	9.44	180.18	410	380
Unit 7	9.48	214.51	411	354
Unit 8	10.34	252.67	464	402
Unit 9	9.75	244.21	420	383
Total	56.12	1278.77		
Paras				
Unit 3	4.24	128.34	230	0
Unit 4	4.90	121.08	220	151
Total	9.14	249.42		
Khaparkheda				
Unit 1	2.66	75.48	130	90
Unit 2	3.21	77.89	140	125
Unit 3	0.05	90.81	51	0
Unit 4	3.06	81.06	135	120
Unit 5	10.28	260.77	450	415
Total	19.26	586.02		
Nasik				
Unit 3	3.55	92.59	188	120
Unit 4	0.00	63.85	0	0
Unit 5	3.35	29.99	171	118
Total	6.90	186.44		
Uran				
All Units	6.06	158.63	257	246
Total	6.06	158.63		
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)	0.05	2.96	24	0
Total	0.05	2.96		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.79	154.62	540	40
Stage 4	3.14	283.91	1000	0
Stage 3	1.70	94.91	240	0
Total	7.63	533.44		
Hydro				
KDPH	0.74	19.75	31	31
VTRNA	0.87	18.76	59	0
TILLARI	0.52	11.49	58	0
BHIRA T.R.	0.26	4.46	77	0
SMLHY_PTN	5.46	131.45	237	216
GHATGHAR	0.00	5.42	0	0
Total	7.85	191.33		
Wind				
Total	10.26	331.76	0	0
Total	10.26	331.76		
CPP				
APML(Mus)	70.93	1636.01	0	0
JSWEL(Mus)	22.16	477.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.27	745.00	0	0
SWPGPL-Mus	9.16	197.77	0	0
Other(Mus)	28.66	794.34	0	0
Total	162.18	3850.54		
SOLAR				
Total	6.67	206.54	0	0
Total	6.67	206.54		
Tata				
Trombay 5	10.59	253.29	456	392
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.36	45.11	65	52
Trombay 7B	1.12	30.31	51	43
TATA Hydro	2.82	95.72	299	9
Trombay 8	5.50	126.56	240	174
Total	21.38	550.99		
AEML				
DTPS U-1&2	11.66	278.08	499	427
Total	11.66	278.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	166.22	3959.29	MSPGCL Total	187.81	4845.65
			MSPGCL Thml+Gas	172.28	4117.92	Koyna 1,2 & 4 Total	5.93	438.52
			MSPGCL Hydro	15.53	727.73	State Total	399.96	10063.55

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/Apr/2022

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6952	2041	257	9250	486	7066	0	0	7567	8143	-1574	23019	0	23019	3097	352	26468	49.84
2	6968	2006	256	9230	609	7057	0	0	7538	7594	-1376	22792	0	22792	2918	322	26032	49.85
3	7010	1491	247	8748	689	7108	0	0	7323	7203	-1253	22205	0	22205	2741	290	25236	49.92
4	7012	835	257	8104	805	7072	0	0	7249	7039	-1173	21560	0	21560	2604	287	24451	49.92
5	7008	534	256	7798	900	7090	0	0	7351	6978	-1150	21315	0	21315	2523	301	24139	49.98
6	6986	413	257	7656	875	6999	0	0	7533	7037	-1183	21034	0	21034	2556	350	23940	49.98
7	6951	384	257	7592	717	6552	0	29	7341	7086	-1161	20439	0	20439	2474	376	23289	50.02
8	6797	378	246	7421	710	6233	0	150	6870	6581	-1134	19563	0	19563	2425	398	22386	50.04
9	6538	407	257	7202	541	6116	0	359	6655	7164	-1300	19677	0	19677	2480	405	22562	50.06
10	6653	570	247	7470	418	6510	0	602	6958	7371	-1306	20649	0	20649	2561	416	23626	50.04
11	6709	487	256	7452	156	6939	0	768	8144	7833	-1368	21378	0	21378	2664	402	24444	50.03
12	6556	432	247	7235	179	6545	0	940	9339	8869	-1413	21956	0	21956	2725	399	25080	49.94
13	6687	474	247	7408	115	6404	0	983	9156	8953	-1482	21997	0	21997	2775	384	25156	49.99
14	6772	452	257	7481	168	6599	0	695	8511	8828	-1550	21845	0	21845	2815	376	25036	50.04
15	6916	431	247	7594	182	6787	0	903	9002	9007	-1616	22477	0	22477	2896	380	25753	50.03
16	6922	420	246	7588	195	6806	0	620	9332	8881	-1658	22047	0	22047	2907	385	25339	50.00
17	6892	414	247	7553	259	6677	0	422	8593	8514	-1519	21509	0	21509	2812	397	24718	50.02
18	7024	391	257	7672	213	6565	0	175	7426	7452	-1321	20340	0	20340	2686	416	23442	50.03
19	7054	365	247	7666	240	6654	0	25	6929	6703	-1243	19635	0	19635	2628	410	22673	50.03
20	7120	387	247	7754	333	6905	0	0	7311	7229	-1271	20548	0	20548	2767	402	23717	49.98
21	7069	389	256	7714	375	6708	0	0	7169	6757	-1321	19836	0	19836	2827	397	23060	49.96
22	7182	578	257	8017	375	6840	0	0	6769	7050	-1381	20508	0	20508	2872	393	23773	49.89
23	7152	482	257	7891	359	6944	0	0	7594	7238	-1371	20683	0	20683	2927	378	23988	49.79
24	7291	767	257	8315	357	7008	0	0	7795	7869	-1486	21714	0	21714	2973	349	25036	49.83
MUs	166.22	15.53	6.06	187.81	10.26	162.18	0.00	6.67	185.46	183.38	-32.61	508.73	0.00	508.73	65.65	8.97	583.34	49.97

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 24/Apr/2022

Position as on 6.30 Hrs of 25/Apr/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	IEPL Unit 1	270	28/08/2018	21.26		Continued.	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.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
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.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	03/05/2022
MSPGCL	Nasik Unit 4	210	16/04/2022	20:58		Continued.	Condenser Tube Leakage (Unit 4 was not available due to Critical coal stock since from Unit 5 synchronization 04:53 hrs. of 17.04.2022)	24/04/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
MSPGCL	Uran Unit 5	108	20/04/2022	16::27		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 3	210	23/04/2022	20:43	24/04/2022	23:01	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	24/04/2022	08:47	24/04/2022	12:04	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 25/Apr/2022

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 (401) OF BUS REACTOR @ KARJAT	IntraState	24/04/2022	18:24	24/04/2022	19:59	EO	I. R. Testing of jump connecting main bus-1 to reactor
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	20/04/2022	11:23			HT	HT for Load Management
LONIKAND 2 - KARJAT CKT - 1	IntraState	24/04/2022	09:13	24/04/2022	14:24	T	Distance Protection
PARLI-SOLAPUR (LAMBOTI)	IntraState	24/04/2022	09:40	24/04/2022	09:58	EO	Flashover is observed on middle phase of location 219
LONIKAND I - JEJURI	IntraState	24/04/2022	16:36			EO	For attending hotspot on bus conductor at connection of 29A B ph PGI at 400kV Jejuri Bay in 400kV Lonikand-I Ss.
BABHALESHWAR - PADGHE CKT-1	IntraState	24/04/2022	23:42	25/04/2022	03:05	T	Tripped on Distance Protection
KHARGHAR - TALEGAON (PG)	IntraState	25/04/2022	03:38	25/04/2022	08:06	EO	1) Cold line and chemical cleaning of insulators at various locations. 2) Hot Spot attending at loc. no. 1 R & Y Phase & 1+ B-Phase
PARLI - KARJAT CKT - 1	IntraState	25/04/2022	07:05			T	Tripped on Distance protection
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 2 @ KHARGHAR	IntraState	24/04/2022	01:08	24/04/2022	06:16	EO	Attending hotspot of 220kV Y ph Bushing stud & attending oil leakage from PRV.
400/220/33 KV 315MVA ICT - 1 @ CHAKAN	IntraState	24/04/2022	11:03	24/04/2022	18:46	PO	Diagnostic testing and maintenance work, to attend hotspot at 89B PG isolator Rph clamp
400 KV BR Outages/Trippings							
80 MVAr Bus reactor @ Talandge	IntraState	24/04/2022	18:45			T	Differential Trip
220 KV LINE Outages/Trippings							
BALE - SOLAPUR (PG)	InterState	24/04/2022	18:27	24/04/2022	22:27	EO	To attend the Hot spot on R Ph & B Ph Line CT
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
KALWA - BORIVALI	IntraState	23/04/2022	14:27	24/04/2022	00:03	EO	Replacement of Wave Trap by higher capacity Wave traps to increase the line capacity.
PUSAD - WARDHA (PG)	IntraState	23/04/2022	20:55	24/04/2022	13:15	T	Distance Protection
BHOSARI 2 - TELCO	IntraState	23/04/2022	21:08	24/04/2022	05:22	EO	245kV CB Mechanism replacement (R Y & B ph)
PADGHE - WADA	IntraState	24/04/2022	01:35	24/04/2022	02:53	EO	To attend red Hot Spot on B phase isolator
BOISAR II - BOISAR (PG) CKT - 3	IntraState	24/04/2022	11:54	24/04/2022	19:19	PO	"Pre Monsoon Maintenance of Line & Bay Maintenance works"
WARDHA - WARDHA (PG)	IntraState	24/04/2022	13:55	25/04/2022	01:27	PO	For Project work.(for stringing between Loc. No 2 to 3 of new 220 KV Deoli Ghatoli Line, Crossing overhead to 220 KV Wardha-Deoli (PGCIL) and 220kV Badnera-Deoli(PGCIL)Line.
WARDHA (PG) - BADNERA	IntraState	24/04/2022	14:00	25/04/2022	01:34	PO	For Project work.(for stringing between Loc. No 2 to 3 of new 220 KV Deoli Ghatoli Line, Crossing overhead to 220 KV Wardha-Deoli (PGCIL) and 220kV Badnera-Deoli(PGCIL)Line.
BABLESHWAR AHAMADNAGAR-II	IntraState	25/04/2022	04:44	25/04/2022	06:10	T	Tripped on Distance Protection
220 KV ICT Outages/Trippings							

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 24/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 25/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Differential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/33 KV 50 MVA PTR 1	IntraState	20/04/2022	09:41			PO	50MVA BBL TF-1 Top plate gasket replacement work including radiators gasket and all allied works.
220 / 105 / 33kV 250 MVA ICT 7 @ DHARAVI	IntraState	23/04/2022	09:10	25/04/2022	01:27	PO	for Installation of BPI along with structures at ICT-7 AIS bay and attending oil leakage in 33 KV bushing
220 / 110 / 33kV 250MVA AT 1 @ BACKBAY	IntraState	24/04/2022	08:59	24/04/2022	16:06	PO	R/M AND TESTING
110 KV LINE Outages/Tripping							
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.
100 KV LINE Outages/Tripping							
CREEK SIDE BUS @ KALWA	IntraState	24/04/2022	10:11	24/04/2022	20:21	PO	100kv Creek side Bus outage for earth wire replacement work.

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