

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Apr/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	179.702	4654.501	1) Gujrat	-2.742	-108.636
2) Hydro	26.932	815.156	2) Madhya Pradesh	8.183	254.267
3) Gas	4.544	181.204	3) Chattisgarh	4.040	128.890
Total MSPGCL	211.178	5650.861	4) Maharashtra	186.155	4966.023
B) 1) APLM	75.830	1933.377	5) Goa (Amona)	-1.469	-43.803
2) JSWEL	22.309	566.335	Total	194.167	5196.741
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.459	839.337
4) RPL(AMT)	29.965	869.799	b) Mumbai Drawl	40.481	942.337
5) SWPGPL	6.332	228.800	c) MSEDCL Bilateral *	66.432	2012.771
6) Other IPP	28.084	908.477	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.395	837.693
C) 1) TPCL Thermal	15.732	444.152	Include PX	0.000	0.858
2) TPCL Hydro	6.605	116.602	Standby	0.064	1.644
3) TPCL Gas	2.400	87.819	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.734	324.850	1) MSEDCL	541.471	14786.330
D) STATE			2) Mumbai Discoms	76.952	1915.767
1) Thermal	369.688	9930.291	3) Other Discoms	9.353	253.978
(A1+C1+C4+(B1-B6))			TOTAL STATE	627.776	16956.075
2) Hydro	33.537	931.758			
(A2+C2)					
3) Gas	6.944	269.023			
(A3+B7+C3)					
4) Wind	14.953	386.698			
6) SOLAR	8.487	241.557			
TOTAL STATE	433.609	11759.327			

* 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	7809	7384	7266	7705
MSPGCL Hydro	612	1792	974	515
MSPGCL Gas	187	187	193	197
MSPGCL Total Generation	8608	9364	8434	8417
Central Sector Receipt	9398	9083	7466	7428
WIND	169	790	1188	428
CPP / IPP Thermal	6902	6836	6588	6866
CPP / IPP Gas	0	0	0	0
SOLAR	1163	690	0	271
Exchange with Mumbai	-2055	-2260	-1660	-1262
MSEDCL DEMAND MET	23768	24100	21585	21748
Load Shedding	0	0	0	0
MSEDCL DEMAND	23768	24100	21585	21748
TPCL GENERATION	1085	1140	1127	849
AEML GENERATION	461	451	498	496
MUMBAI DEMAND	3601	3851	3285	2607
OTHER DISCOM DEMAND	417	402	431	401
STATE DEMAND MET	27786	28354	25300	24755
STATE DEMAND	27786	28354	25300	24755
Frequency (Hz)	49.75	49.65	49.81	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.13 Hz at 18.02 Hrs	49.47 Hz at 19.16 Hrs	49.86	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 28/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.12	114.77	190	150
Unit 7	0.00	0.00	0	0
Unit 8	13.19	374.72	605	462
Unit 9	13.70	382.15	600	527
Unit 10	13.82	163.03	605	535
Total	44.83	1034.67		
Bhusawal				
Unit 3	3.44	72.43	160	130
Unit 4	9.95	255.26	485	350
Unit 5	9.88	257.92	465	350
Total	23.27	585.60		
Parli				
Unit 6	1.22	120.03	230	0
Unit 7	5.31	126.44	245	202
Unit 8	3.22	93.36	153	128
Total	9.74	339.84		
Chandrapur				
Unit 3	4.15	117.14	185	169
Unit 4	3.67	105.72	160	148
Unit 5	8.87	231.23	380	340
Unit 6	8.34	215.29	380	295
Unit 7	9.14	250.41	420	325
Unit 8	10.79	294.15	480	408
Unit 9	9.66	284.07	435	354
Total	54.63	1498.01		
Paras				
Unit 3	4.80	147.22	222	176
Unit 4	4.90	140.16	223	185
Total	9.70	287.38		
Khaparkheda				
Unit 1	2.88	86.78	150	105
Unit 2	3.72	92.08	160	145
Unit 3	4.31	107.78	187	157
Unit 4	3.39	94.32	148	135
Unit 5	11.26	304.65	480	450
Total	25.56	685.62		
Nasik				
Unit 3	4.20	108.92	184	126
Unit 4	3.82	69.07	170	130
Unit 5	3.94	45.39	179	112
Total	11.97	223.39		
Uran				
All Units	4.54	181.20	203	127
Total	4.54	181.20		
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	3.48	23	0
Total	0.18	3.48		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.68	175.47	510	40
Stage 4	10.54	308.79	1011	0
Stage 3	3.17	104.90	320	0
Total	19.40	589.16		
Hydro				
KDPH	0.37	21.49	16	16
VTRNA	0.88	22.26	60	0
TILLARI	0.50	13.60	58	0
BHIRA T.R.	0.32	5.32	80	0
SMLHY_PTN	5.06	152.80	219	200
GHATGHAR	0.22	7.04	125	0
Total	7.36	222.51		
Wind				
Total	14.95	386.70	0	0
Total	14.95	386.70		
CPP				
APML(Mus)	75.83	1933.38	0	0
JSWEL(Mus)	22.31	566.34	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.96	869.80	0	0
SWPGPL-Mus	6.33	228.80	0	0
Other(Mus)	28.08	908.48	0	0
Total	162.52	4506.79		
SOLAR				
Total	8.49	241.56	0	0
Total	8.49	241.56		
Tata				
Trombay 5	10.22	295.09	439	405
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.33	52.60	81	49
Trombay 7B	1.07	35.22	56	41
TATA Hydro	6.60	116.60	444	62
Trombay 8	5.51	149.06	237	216
Total	24.74	648.57		
AEML				
DTPS U-1&2	11.73	324.85	498	450
Total	11.73	324.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	179.70	4654.50	MSPGCL Total	211.18	5650.86
			MSPGCL Thml+Gas	184.25	4835.70	Koyna 1,2 & 4 Total	16.22	484.26
			MSPGCL Hydro	26.93	815.16	State Total	433.61	11759.33

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	7483	2011	127	9621	636	6897	0	0	7363	7690	-1600	22901	0	22901	3139	342	26383	49.77
2	7486	2138	156	9780	590	6942	0	0	7458	7288	-1500	22775	0	22775	2959	325	26059	49.91
3	7517	1964	187	9668	595	6942	0	0	7299	7132	-1340	22691	0	22691	2764	305	25760	49.82
4	7561	1628	197	9386	728	6949	0	0	7234	7069	-1221	22602	0	22602	2602	309	25512	49.79
5	7567	1554	196	9316	653	6930	0	0	7237	7133	-1166	22547	0	22547	2511	320	25378	49.84
6	7478	1697	197	9372	561	6921	0	0	7283	7449	-1193	22756	0	22756	2553	355	25663	49.94
7	7631	1695	197	9523	485	6891	0	56	7227	7417	-1212	22774	0	22774	2515	386	25675	49.94
8	7705	515	197	8417	428	6866	0	271	7235	7428	-1262	21748	0	21748	2607	401	24755	49.96
9	7615	417	196	8228	244	6520	0	582	7610	7876	-1532	21483	0	21483	2903	435	24821	49.96
10	7771	662	197	8630	235	6779	0	874	8107	8286	-1791	22583	0	22583	3233	430	26246	49.90
11	7827	633	197	8657	199	6913	0	1059	9134	9128	-1966	23561	0	23561	3490	429	27480	49.93
12	7809	612	187	8608	169	6902	0	1163	9643	9398	-2055	23768	0	23768	3601	417	27786	49.75
13	7627	614	197	8438	176	6828	0	1149	9712	9651	-2088	23749	0	23749	3670	406	27824	49.79
14	7429	752	186	8366	340	6814	0	1057	9643	9703	-2121	23783	0	23783	3677	376	27836	49.81
15	7401	1190	197	8788	428	6815	0	916	9596	9796	-2233	24115	0	24115	3815	395	28326	49.65
16	7384	1792	187	9364	790	6836	0	690	9231	9083	-2260	24100	0	24100	3851	402	28354	49.65
17	7317	1430	195	8942	731	6791	0	475	8697	8749	-2041	23247	0	23247	3753	400	27400	49.94
18	7189	786	192	8166	608	6575	0	184	8295	8380	-1898	21576	0	21576	3567	439	25582	49.94
19	7196	584	194	7974	766	6572	0	11	7367	7394	-1680	20607	0	20607	3328	429	24364	49.92
20	7266	974	193	8434	1188	6588	0	0	7427	7466	-1660	21585	0	21585	3285	431	25300	49.81
21	7364	390	186	7940	1381	6571	0	0	7461	7331	-1637	21173	0	21173	3253	413	24840	49.98
22	7368	400	203	7972	1054	6557	0	0	7387	7552	-1638	21079	0	21079	3224	417	24720	49.93
23	7397	1118	193	8708	955	6561	0	0	7613	7885	-1687	22013	0	22013	3301	408	25722	49.93
24	7314	1376	190	8880	1013	6560	0	0	7993	7881	-1700	22252	0	22252	3351	381	25984	49.89
MUs	179.70	26.93	4.54	211.18	14.95	162.52	0.00	8.49	193.25	194.17	-40.48	541.47	0.00	541.47	76.95	9.35	627.78	49.86

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 28/Apr/2022

Position as on 6.30 Hrs of 29/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	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	
IPP	SWPGPL U-2	135	26/04/2022	21:24		Continued.	ID Fan Vibration High	
MSPGCL	Uran Unit A0	120	27/04/2022	22:22		Continued.	DUE TO CARD FAULT	
MSPGCL	Uran Unit 6	108	27/04/2022	22:22	28/04/2022	00:55	DUE TO CARD FAULT	
MSPGCL	Parli Unit 6	250	28/04/2022	05:35		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-3	270	28/04/2022	16:15		Continued.	BOTTOM ASH EVACUATION PROBLEM.	
MSPGCL	Chandrapur Unit 6	500	29/04/2022	00:15		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna STG-IV Unit-1	250	29/04/2022	05:36	29/04/2022	07:10	TRIPPED DUE TO NUMERICAL PROTECTION OPERATED	29/04/2022
MSPGCL	Koyna STG-IV Unit-2	250	29/04/2022	05:36		Continued.	TRIPPED DUE TO NUMERICAL PROTECTION OPERATED	
MSPGCL	Koyna STG-IV Unit-4	250	29/04/2022	05:36		Continued.	TRIPPED DUE TO NUMERICAL PROTECTION OPERATED	
MSPGCL	Koyna STG-IV Unit-3	250	29/04/2022	05:36		Continued.	TRIPPED DUE TO NUMERICAL PROTECTION OPERATED	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 29/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	20/04/2022	11:23			HT	HT for Load Management
KORADI II - IEPL	IntraState	28/04/2022	07:59	28/04/2022	12:24	PO	refixing of broken damper spacer and Corona Control Ring at various location
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	28/04/2022	21:34			T	TRIPPED ON DIST PROTECTION
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT @ ALKUD	IntraState	28/04/2022	15:20	28/04/2022	18:33	T	differential protection Y-ph and R-ph operated as Y-ph isolator of 403-89T is opened due to heavy wind and stormy condition.
400 KV BR Outages/Trippings							
80 MVAr Bus reactor @ Talandge	IntraState	24/04/2022	18:45			T	Differential Trip
220 KV LINE Outages/Trippings							
PARLI (OLD GCR) - PARLY (PG) CKT 1	InterState	27/04/2022	22:48	28/04/2022	02:47	HT	HAND TRIPPED DUE TO O/D AT LOW FREQUENCY
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kv GCR-BBLR-2 line on 220kv TBC bay.
NERLE- POPHALI	IntraState	27/04/2022	13:30	28/04/2022	11:50	T	Tripped on Overcurrent.
WARDHA - WARDHA (PG)	IntraState	27/04/2022	22:26	28/04/2022	02:48	HT	HAND TRIPPED DUE TO O/D AT LOW FREQUENCY
GHODBUNDER - MSETCL BOISAR	IntraState	27/04/2022	23:48	28/04/2022	05:28	HT	HAND TRIPPED FOR LOAD MANAGEMENT TO AVAILED 220KV BOISAR-BOISAR PG-2 E/O
BOISAR - VERSOVA	IntraState	27/04/2022	23:51	28/04/2022	04:14	HT	HAND TRIPPED FOR LOAD MANAGEMENT TO AVAILED 220KV BOISAR-BOISAR PG-2 E/O
BOISAR II - BOISAR (PG) CKT - 2	IntraState	28/04/2022	00:01	28/04/2022	05:23	EO	Major Hot spot attending work 1. Bph D-Isolator jumper at clamp crimping point-285 OC (Image no.IR000167) 2. Yph D-Isolator jumper at clamp crimping point-98.3 OC (Image no.IR000165) 3. Yph CT stud & clamp -67.9 OC (Image no.IR000163)
WALUJ - CHITEGAON I	IntraState	28/04/2022	00:22	28/04/2022	02:55	HT	HAND TRIPPED DUE TO O/D AT LOW FREQUENCY
APTA - BOMBAY DYEING	IntraState	28/04/2022	05:27	28/04/2022	07:45	PO	Attending of red hot spot at Loc no. 210 & LILO 6
TROMBAY - SALSETTE CKT - 1	IntraState	28/04/2022	05:59	28/04/2022	09:12	PO	TREE TRIMMING
BOMBAY DYEING - SAHARA	IntraState	28/04/2022	12:38	28/04/2022	13:37	T	Frequent trippings fault persisting.. line patrolling in progress.
KARAD - DASGAON	IntraState	28/04/2022	12:43	28/04/2022	17:17	PO	Replacement of flashover insulator strings at Loc No.69 B Ph
WAGHIVALI - DHARAVI 7	IntraState	29/04/2022	06:14			PO	TREE TRIMMING
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.
220/22 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 Diferrential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 29/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33 KV 50 MVA 2 PTR @ SHIRSUPHAL	IntraState	28/04/2022	09:00	28/04/2022	16:05	PO	PRE MONSOON MAINTENANCE WORK
220/132 KV 200 MVA ICT - 2 @ CHINCHWAD 2	IntraState	28/04/2022	10:47	28/04/2022	19:25	PO	For attending oil leakage by strengthening of transformer gasket by M/s. Deep Safety & MRO CO.
220/22 KV 50 MVA PTR 1 @ CHAKAN	IntraState	28/04/2022	10:54	28/04/2022	19:07	PO	For Replacement of Oil temperature meter and Testing and maintenance
220/22 KV 80 MVA PTR 2 @ NALASOPARA	IntraState	28/04/2022	15:25	28/04/2022	18:19	T	LV-1 Cable Faulty, Y-Ph , isolated and charging trial requested.
220/22 KV 50 MVA PTR 2 @ LONIKAND	IntraState	28/04/2022	16:28	28/04/2022	18:52	EO	TO ATTEND HOT SPOT ON R-PH HV BUSHING TEMP=96.1 DEG
220 KV BUSBAR Outages/Trippings							
BUS SECTION 1 @ FLAGSHIP	IntraState	28/04/2022	09:54	28/04/2022	15:30	PO	Yearly maintenance work of 220kV Main bus section I & all bus connected isolators , Cleaning of Bus post insulator,
BUS SECTION - 2 @ PIGASUS	IntraState	28/04/2022	10:46	28/04/2022	17:17	PO	for removal of jump of LA, CC, WT of Infosys line bay- Project Work
110 KV LINE Outages/Trippings							
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.

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