

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 17/Apr/2022 SUNDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	162.075	2776.540	1) Gujrat	-3.300	-72.018
2) Hydro	14.791	549.987	2) Madhya Pradesh	8.132	160.298
3) Gas	5.006	110.770	3) Chattisgarh	4.210	78.710
<b>Total MSPGCL</b>	<b>181.872</b>	<b>3437.297</b>	4) Maharashtra	190.730	2857.975
B) 1) APLM	61.279	1263.121	5) Goa (Amona)	-1.137	-27.284
2) JSWEL	18.002	322.407	<b>Total</b>	<b>198.635</b>	<b>2997.681</b>
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.226	500.246
4) RPL(AMT)	31.416	523.842	b) Mumbai Drawl	29.026	551.344
5) SWPGPL	6.277	151.851	c) MSEDCL Bilateral *	86.302	1200.969
6) Other IPP	31.779	579.103	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.226	500.138
C) 1) TPCL Thermal	15.596	266.201	Include PX	0.000	0.000
2) TPCL Hydro	1.790	57.650	Standby	0.000	0.108
3) TPCL Gas	2.444	55.526	<b>H) ENERGY CATERED (MUs)</b>		
4) AEML Thermal	10.685	196.408	1) MSEDCL	523.126	8949.521
D) STATE			2) Mumbai Discoms	59.544	1127.138
1) Thermal	337.109	6079.473	3) Other Discoms	8.702	151.864
(A1+C1+C4+(B1-B6))			<b>TOTAL STATE</b>	<b>591.372</b>	<b>10228.523</b>
2) Hydro	16.581	607.637			
(A2+C2)					
3) Gas	7.450	166.296			
(A3+B7+C3)					
4) Wind	21.952	228.614			
6) SOLAR	9.642	148.813			
<b>TOTAL STATE</b>	<b>392.734</b>	<b>7230.833</b>			

\* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6883	6792	6763	6897
MSPGCL Hydro	402	393	577	475
MSPGCL Gas	201	114	130	293
MSPGCL Total Generation	7486	7299	7470	7665
Central Sector Receipt	9731	9822	7902	7298
WIND	295	320	814	890
CPP / IPP Thermal	5907	5911	5950	6230
CPP / IPP Gas	0	0	0	0
SOLAR	1286	1279	0	236
Exchange with Mumbai	-1304	-1325	-1322	-965
<b>MSEDCL DEMAND MET</b>	<b>23150</b>	<b>23048</b>	<b>20542</b>	<b>21108</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	23150	23048	20542	21108
TPCL GENERATION	758	749	800	828
AEML GENERATION	492	493	441	430
<b>MUMBAI DEMAND</b>	<b>2554</b>	<b>2567</b>	<b>2563</b>	<b>2223</b>
<b>OTHER DISCOM DEMAND</b>	<b>382</b>	<b>389</b>	<b>400</b>	<b>376</b>
STATE DEMAND MET	26086	26004	23505	23707
<b>STATE DEMAND</b>	<b>26086</b>	<b>26004</b>	<b>23505</b>	<b>23707</b>
Frequency (Hz)	50.01	50.01	49.97	50.06

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 08.02 Hrs	49.75 Hz at 00.02 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 17/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Koradi</b>				
Unit 6	4.71	66.19	205	180
Unit 7	0.00	0.00	0	0
Unit 8	13.92	232.46	605	468
Unit 9	13.91	234.25	602	565
Unit 10	0.00	60.94	0	0
<b>Total</b>	<b>32.54</b>	<b>593.84</b>		
<b>Bhusawal</b>				
Unit 3	3.70	37.01	165	135
Unit 4	10.60	157.89	450	430
Unit 5	10.73	162.94	460	415
<b>Total</b>	<b>25.02</b>	<b>357.84</b>		
<b>Parli</b>				
Unit 6	5.21	70.14	230	188
Unit 7	5.07	69.58	230	173
Unit 8	3.32	57.41	152	128
<b>Total</b>	<b>13.60</b>	<b>197.14</b>		
<b>Chandrapur</b>				
Unit 3	3.44	73.82	147	136
Unit 4	3.16	66.88	144	127
Unit 5	7.31	140.29	310	298
Unit 6	7.77	115.36	355	305
Unit 7	8.70	149.81	375	330
Unit 8	10.76	179.54	465	432
Unit 9	10.41	173.59	443	427
<b>Total</b>	<b>51.55</b>	<b>899.28</b>		
<b>Paras</b>				
Unit 3	5.47	90.43	239	205
Unit 4	4.89	85.25	223	176
<b>Total</b>	<b>10.36</b>	<b>175.68</b>		
<b>Khaparkheda</b>				
Unit 1	3.04	53.48	140	110
Unit 2	3.40	55.94	155	115
Unit 3	3.87	65.75	181	135
Unit 4	1.06	61.05	125	0
Unit 5	11.35	185.77	475	469
<b>Total</b>	<b>22.72</b>	<b>422.01</b>		
<b>Nasik</b>				
Unit 3	3.82	64.44	187	125
Unit 4	0.00	63.85	0	0
Unit 5	2.47	2.47	182	0
<b>Total</b>	<b>6.28</b>	<b>130.76</b>		
<b>Uran</b>				
All Units	5.01	110.77	301	114
<b>Total</b>	<b>5.01</b>	<b>110.77</b>		
<b>PGPL</b>				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		
<b>PENCH (MS)</b>				
Pench (MS)	0.13	2.13	40	0
<b>Total</b>	<b>0.13</b>	<b>2.13</b>		
<b>Koyna</b>				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.76	113.05	270	35
Stage 4	3.46	228.30	506	0
Stage 3	1.37	73.62	160	0
<b>Total</b>	<b>6.60</b>	<b>414.98</b>		
<b>Hydro</b>				
KDPH	0.79	14.35	33	33
VTRNA	0.84	12.90	60	0
TILLARI	0.52	7.85	58	0
BHIRA T.R.	0.12	2.75	77	0
SMLHY_PTN	5.26	93.44	244	206
GHATGHAR	0.54	1.59	125	0
<b>Total</b>	<b>8.06</b>	<b>132.88</b>		
<b>Wind</b>				
Total	21.95	228.61	0	0
<b>Total</b>	<b>21.95</b>	<b>228.61</b>		
<b>CPP</b>				
APML(Mus)	61.28	1263.12	0	0
JSWEL(Mus)	18.00	322.41	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.42	523.84	0	0
SWPGPL-Mus	6.28	151.85	0	0
Other(Mus)	31.78	579.10	0	0
<b>Total</b>	<b>148.75</b>	<b>2840.32</b>		
<b>SOLAR</b>				
Total	9.64	148.81	0	0
<b>Total</b>	<b>9.64</b>	<b>148.81</b>		
<b>Tata</b>				
Trombay 5	10.42	178.67	449	418
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.46	33.29	114	0
Trombay 7B	0.98	22.23	66	0
TATA Hydro	1.79	57.65	278	0
Trombay 8	5.17	87.53	230	170
<b>Total</b>	<b>19.83</b>	<b>379.38</b>		
<b>AEML</b>				
DTPS U-1&2	10.68	196.41	498	339
<b>Total</b>	<b>10.68</b>	<b>196.41</b>		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	162.08	2776.54	MSPGCL Total	181.87	3437.30
			MSPGCL Thml+Gas	167.08	2887.31	Koyna 1,2 & 4 Total	5.22	341.36
			MSPGCL Hydro	14.79	549.99	State Total	392.73	7230.83

**State Load Despatch Center,Airoli (MSETCL)**  
**Hourly Load Data As on 17/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	6644	1112	290	8046	1403	6610	0	0	8019	7985	-1272	22451	0	22451	2726	321	25498	49.91
2	6630	1224	301	8155	1594	6559	0	0	7923	7612	-1156	22461	0	22461	2557	303	25321	49.91
3	6615	1131	291	8037	1381	6517	0	0	7787	7759	-1037	22360	0	22360	2400	297	25057	49.93
4	6611	1162	281	8054	1435	6515	0	0	7576	7500	-973	22241	0	22241	2292	290	24823	49.91
5	6693	997	292	7982	1429	6440	0	0	7924	7859	-941	22463	0	22463	2234	306	25003	49.88
6	6705	1064	301	8070	1304	6461	0	0	7949	8063	-949	22630	0	22630	2266	319	25215	49.87
7	6763	1021	294	8078	1213	6319	0	58	7642	7622	-978	21970	0	21970	2234	342	24546	50.01
8	6897	475	293	7665	890	6360	0	236	7353	7298	-965	21108	0	21108	2223	376	23707	50.06
9	6736	405	279	7420	594	5949	0	644	7976	7827	-1090	20957	0	20957	2282	387	23626	50.07
10	6808	556	288	7652	384	5876	0	969	8149	8342	-1140	21696	0	21696	2381	387	24464	50.03
11	6871	457	287	7615	279	6041	0	1211	9094	9227	-1262	22725	0	22725	2491	386	25602	50.03
12	6883	402	201	7486	295	6038	0	1286	9913	9731	-1304	23150	0	23150	2554	382	26086	50.01
13	6792	393	114	7299	320	6042	0	1279	10063	9822	-1325	23048	0	23048	2567	389	26004	50.01
14	6679	393	137	7209	369	5885	0	1269	10031	9342	-1293	22407	0	22407	2550	374	25331	49.99
15	6644	401	127	7172	391	5668	0	1087	10138	10343	-1352	22922	0	22922	2579	387	25888	50.01
16	6808	403	138	7349	422	5989	0	857	9720	9787	-1360	22660	0	22660	2582	384	25626	50.01
17	6790	439	138	7367	531	6049	0	541	9277	9037	-1288	21853	0	21853	2533	384	24770	50.01
18	6799	383	129	7311	591	6022	0	188	8132	7997	-1199	20504	0	20504	2452	406	23362	50.02
19	6730	347	140	7217	781	6097	0	17	7304	7295	-1220	19791	0	19791	2432	396	22619	50.02
20	6763	577	130	7470	814	6078	0	0	7599	7902	-1322	20542	0	20542	2563	400	23505	49.97
21	6856	414	141	7411	1275	6228	0	0	7236	7258	-1366	20410	0	20410	2609	396	23415	50.00
22	6902	345	141	7388	1530	6489	0	0	6990	6829	-1436	20418	0	20418	2636	382	23436	49.99
23	6671	341	141	7153	1440	6221	0	0	7769	7851	-1355	20939	0	20939	2669	371	23979	50.00
24	6785	349	132	7266	1287	6300	0	0	7958	8347	-1443	21419	0	21419	2729	338	24486	49.95
<b>MUs</b>	<b>162.08</b>	<b>14.79</b>	<b>5.01</b>	<b>181.87</b>	<b>21.95</b>	<b>148.75</b>	<b>0.00</b>	<b>9.64</b>	<b>199.52</b>	<b>198.64</b>	<b>-29.03</b>	<b>523.13</b>	<b>0.00</b>	<b>523.13</b>	<b>59.54</b>	<b>8.70</b>	<b>591.37</b>	<b>49.98</b>

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 17/Apr/2022**

Position as on 6.30 Hrs of 18/Apr/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
<b>PLANNED OUTAGE</b>								
MSPGCL	Koyna Unit 8	80	17/04/2022	07:50	17/04/2022	14:35	Preventive Maintenance Work	17/04/2022
<b>FORCED OUTAGE</b>								
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)	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55	17/04/2022	12:15	SFC HEAVY FAULT	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	
MSPGCL	Nasik Unit 5	210	22/03/2022	23:40	17/04/2022	04:53	Coal Shortage	17/04/2022
MSPGCL	Koradi Unit-10	660	07/04/2022	08:08		Continued.	Condenser Cleaning work.	
IPP	SWPGPL U-3	135	16/04/2022	15:52		Continued.	APH problem	
MSPGCL	Uran Unit 6	108	16/04/2022	16:22		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	16/04/2022	20:58		Continued.	Condenser Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	17/04/2022	04:51	17/04/2022	06:57	Furnace Pressure High	17/04/2022
MSPGCL	Khaparkheda Unit 4	210	17/04/2022	11:36	18/04/2022	03:43	ID Fan bearing temp.high	
MSPGCL	Uran Unit B0	120	17/04/2022	11:52		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	17/04/2022	11:52	18/04/2022	07:07	Gas shortage	
TPC-G	Trombay 7A	120	17/04/2022	18:23		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	17/04/2022	18:23		Continued.	Gas shortage	

**State Load Despatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 17/Apr/2022**

**Statement-VII**

Position as on 6.30 Hrs of 18/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
<b>500 KV TBC Outages/Trippings</b>							
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	16/04/2022	23:57	17/04/2022	03:18	EO	to attend the oil leakage of Pole I Z2 Filter R Phase 245 kV CT
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	16/04/2022	23:57	17/04/2022	02:46	EO	to attend the oil leakage of Pole I Z2 Filter R Phase 245 kV CT
<b>500 KV LR Outages/Trippings</b>							
Pole-1 Non base AC filter Z3 (120 MVAR) @ Chandrapur HVDC	IntraState	18/04/2022	08:02			PO	For Refurbishment & RTV Coating of AC Filter Air Core reactor through Expert Agency as per OEM M/s Trench Austria guidelines hence this work to be carried out on top priority to avoid Failure of Air Core Reactor
<b>400 KV LINE Outages/Trippings</b>							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	29/03/2022	13:28			T	HT FOR LOAD MANAGEMENT
GT-10 @ KORADI-2	IntraState	18/04/2022	07:54				1)diagnostic testing of Bay Equipments(CT, CB, CVT etc.) & 2) tightning of jumper connected to 400kV Main Bus 1(using hot line method)
<b>220 KV LINE Outages/Trippings</b>							
NALASOPARA - BOISAR PG	InterState	17/04/2022	11:15	17/04/2022	17:05	EO	Attending Hot Spot at Loc no.113 (R-Ph PGCIL side, R & B-Ph Nalasopara side), Loc no. 115(R-Ph Nalasopara side), Loc no.106 (R & B-Ph PGCIL side, R & Y-Ph Nalasopara side), Loc no.92(R-Ph Nalasopara side), Loc no. 84(B-Ph PGCIL side), Loc no.13(Y-Ph Nalasopara side), Loc no.12(B-Ph PGCIL side)
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
TROMBAY (M) - CHEMBUR CKT - 3	IntraState	13/04/2022	13:25			PO	Bunching work at Loc No. 723 & 62
TROMBAY - MULUND	IntraState	14/04/2022	09:00			PO	Erection of tower at Loc No.72
PADGHE - JAMBHUL 1	IntraState	17/04/2022	03:18	17/04/2022	05:55	PO	Soak test of 220kV, 2000 sqmm. EHV cable between Loc No. 44 & 43 of 220kV Padgha - PAL Line
SIEMENS - RELIANCE GIS	IntraState	17/04/2022	05:36	17/04/2022	15:05	T	Diff. Protection.
KHARGHAR - BORIVALI CKT - 2	IntraState	17/04/2022	05:37	17/04/2022	15:10	T	Tripped on Dist. Protection
MAIN BUS SECTION - 1 @ PEDAMBE	IntraState	17/04/2022	07:50	17/04/2022	18:15	PO	For all bays M.B. isolator P/M work
<b>220 KV ICT Outages/Trippings</b>							
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
220 / 110 / 33kV 250MVA AT 2 @ BACKBAY	IntraState	17/04/2022	08:40	17/04/2022	19:23	PO	FOR REPLACEMENT OF HYDRAULIC CYLINDERS OF 220 KV BREAKER
<b>110 KV LINE Outages/Trippings</b>							

**State Load Despatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 17/Apr/2022**

**Statement-VII**

Position as on 6.30 Hrs of 18/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
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.

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