

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Apr/2022 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	162.875	2450.164	1) Gujrat	-3.550	-64.882
2) Hydro	19.534	517.964	2) Madhya Pradesh	8.760	145.991
3) Gas	7.332	96.761	3) Chattisgarh	4.640	70.350
Total MSPGCL	189.741	3064.889	4) Maharashtra	186.949	2474.822
B) 1) APLM	72.962	1132.445	5) Goa (Amona)	-1.461	-25.144
2) JSWEL	20.842	283.630	Total	195.338	2601.137
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.317	445.179
4) RPL(AMT)	31.502	460.916	b) Mumbai Drawl	34.928	490.567
5) SWPGPL	9.421	137.319	c) MSEDCL Bilateral *	88.675	1024.350
6) Other IPP	32.359	515.015	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.317	445.070
C) 1) TPCL Thermal	14.178	234.856	Include PX	0.000	0.000
2) TPCL Hydro	2.465	52.807	Standby	0.000	0.108
3) TPCL Gas	3.739	49.551	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.319	174.329	1) MSEDCL	534.608	7890.434
D) STATE			2) Mumbai Discoms	66.629	1002.116
1) Thermal	355.458	5388.674	3) Other Discoms	8.682	134.450
(A1+C1+C4+(B1-B6))			TOTAL STATE	609.919	9027.000
2) Hydro	21.999	570.771			
3) Gas	11.071	146.312			
4) Wind	17.922	190.347			
6) SOLAR	8.131	129.753			
TOTAL STATE	414.581	6425.857			

* 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 23 Hrs
MSPGCL Thermal	6873	6971	6935	6865
MSPGCL Hydro	885	999	566	911
MSPGCL Gas	269	267	359	408
MSPGCL Total Generation	8027	8237	7860	8184
Central Sector Receipt	9399	9214	6894	6715
WIND	494	595	803	1149
CPP / IPP Thermal	6674	6483	6946	7047
CPP / IPP Gas	0	0	0	0
SOLAR	1147	1173	0	0
Exchange with Mumbai	-1763	-1774	-1380	-1279
MSEDCL DEMAND MET	23708	23690	20864	21596
Load Shedding	0	0	0	0
MSEDCL DEMAND	23708	23690	20864	21596
TPCL GENERATION	866	849	1101	1010
AEML GENERATION	494	495	395	493
MUMBAI DEMAND	3123	3118	2876	2782
OTHER DISCOM DEMAND	403	371	390	353
STATE DEMAND MET	27234	27179	24130	24731
STATE DEMAND	27234	27179	24130	24731
Frequency (Hz)	50.02	49.99	49.94	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 18.02 Hrs	49.62 Hz at 23.05 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 15/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.63	56.66	210	155
Unit 7	0.00	0.00	0	0
Unit 8	13.70	204.97	602	475
Unit 9	14.01	206.23	597	562
Unit 10	0.00	60.94	0	0
Total	32.34	528.80		
Bhusawal				
Unit 3	3.72	29.82	165	135
Unit 4	9.92	136.85	455	370
Unit 5	9.88	141.48	450	360
Total	23.52	308.16		
Parli				
Unit 6	4.81	59.84	228	174
Unit 7	4.70	59.54	227	166
Unit 8	3.33	50.77	148	132
Total	12.84	170.16		
Chandrapur				
Unit 3	4.40	66.94	186	171
Unit 4	3.98	60.49	171	156
Unit 5	7.34	125.68	310	300
Unit 6	7.38	100.24	317	285
Unit 7	8.61	131.99	397	319
Unit 8	10.42	158.12	450	417
Unit 9	10.26	152.88	442	406
Total	52.40	796.33		
Paras				
Unit 3	5.20	79.76	233	183
Unit 4	4.99	75.36	233	177
Total	10.20	155.11		
Khaparkheda				
Unit 1	2.86	47.50	135	105
Unit 2	3.06	49.13	140	115
Unit 3	3.68	58.05	187	129
Unit 4	3.43	56.65	164	125
Unit 5	11.31	163.12	475	455
Total	24.34	374.45		
Nasik				
Unit 3	3.58	56.60	190	120
Unit 4	3.64	60.56	184	122
Unit 5	0.00	0.00	0	0
Total	7.23	117.16		
Uran				
All Units	7.33	96.76	419	267
Total	7.33	96.76		
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)	0.04	1.91	23	0
Total	0.04	1.91		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.85	107.97	550	40
Stage 4	4.60	220.77	505	0
Stage 3	1.93	70.70	160	0
Total	11.38	399.44		
Hydro				
KDPH	0.82	12.74	34	34
VTRNA	0.87	11.26	60	0
TILLARI	0.52	6.80	58	0
BHIRA T.R.	0.13	2.47	77	0
SMLHY_PTN	5.77	82.28	251	227
GHATGHAR	0.00	1.06	0	0
Total	8.11	116.61		
Wind				
Total	17.92	190.35	0	0
Total	17.92	190.35		
CPP				
APML(Mus)	72.96	1132.44	0	0
JSWEL(Mus)	20.84	283.63	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.50	460.92	0	0
SWPGPL-Mus	9.42	137.32	0	0
Other(Mus)	32.36	515.02	0	0
Total	167.09	2529.32		
SOLAR				
Total	8.13	129.75	0	0
Total	8.13	129.75		
Tata				
Trombay 5	9.62	157.80	461	289
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.29	29.70	113	61
Trombay 7B	1.45	19.85	66	50
TATA Hydro	2.46	52.81	295	0
Trombay 8	4.56	77.06	235	132
Total	20.38	337.21		
AEML				
DTPS U-1&2	11.32	174.33	499	377
Total	11.32	174.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	162.88	2450.16	MSPGCL Total	189.74	3064.89
			MSPGCL Thml+Gas	170.21	2546.92	Koyna 1,2 & 4 Total	9.45	328.74
			MSPGCL Hydro	19.53	517.96	State Total	414.58	6425.86

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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	6690	1083	281	8054	1186	7275	0	0	7747	8001	-1391	22795	0	22795	2871	330	25996	49.98
2	6705	774	282	7761	901	7276	0	0	8275	8495	-1304	22823	0	22823	2667	306	25796	50.01
3	6693	887	271	7851	793	7285	0	0	8263	8481	-1178	22943	0	22943	2500	289	25732	50.01
4	6654	1056	292	8002	587	7248	0	0	8279	8439	-1190	22808	0	22808	2367	278	25453	49.92
5	6616	821	281	7718	649	7227	0	0	8289	8425	-1194	22524	640	23164	2309	301	25774	49.99
6	6636	544	283	7463	630	7184	0	6	8328	8336	-1229	22065	281	22346	2356	325	25027	50.02
7	6657	732	282	7671	737	7168	0	35	8109	8269	-1265	22257	399	22656	2348	358	25362	50.04
8	6696	476	282	7454	650	7042	0	226	7915	8241	-1304	21933	154	22087	2367	376	24830	50.05
9	6516	413	281	7210	444	6659	0	519	8615	8859	-1461	21831	0	21831	2535	399	24765	50.03
10	6625	848	290	7763	429	6486	0	774	8852	8873	-1527	22402	0	22402	2791	396	25589	50.02
11	6671	741	269	7681	398	6854	0	1013	9679	9593	-1674	23468	0	23468	3012	397	26877	50.01
12	6873	885	269	8027	494	6807	0	1147	10042	9399	-1763	23708	0	23708	3123	403	27234	50.02
13	6971	999	267	8237	595	6616	0	1173	9808	9214	-1774	23690	0	23690	3118	371	27179	49.99
14	6966	953	268	8187	614	6373	0	1070	9421	9114	-1674	23309	0	23309	3008	375	26692	50.03
15	6967	986	267	8220	653	6424	0	874	9694	9507	-1852	23450	0	23450	3100	376	26926	49.97
16	7008	1233	276	8517	596	6808	0	687	8987	8942	-1834	23325	0	23325	3162	391	26878	50.01
17	6881	872	274	8027	878	6937	0	438	8441	8235	-1692	22431	0	22431	3083	392	25906	50.01
18	6800	554	323	7677	827	6941	0	152	7839	7244	-1560	20888	0	20888	2948	393	24229	50.04
19	6731	512	345	7588	1158	6808	0	17	6967	6841	-1426	20596	0	20596	2836	390	23822	50.04
20	6935	566	359	7860	803	7077	0	0	6757	6894	-1380	20864	0	20864	2876	390	24130	49.94
21	6901	786	361	8048	744	7015	0	0	6437	6288	-1378	20334	0	20334	2853	383	23570	49.73
22	6975	599	402	7976	985	7173	0	0	6258	6417	-1258	20915	0	20915	2807	378	24100	49.90
23	6865	911	408	8184	1149	7180	0	0	6630	6715	-1279	21596	0	21596	2782	353	24731	49.86
24	6843	1303	419	8565	1022	7223	0	0	6974	6516	-1341	21653	0	21653	2810	332	24795	49.86
MUs	162.87	19.53	7.33	189.74	17.92	167.09	0.00	8.13	196.61	195.34	-34.93	534.61	1.47	536.08	66.63	8.68	611.39	49.98

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 15/Apr/2022

Position as on 6.30 Hrs of 16/Apr/2022

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 7	80	16/04/2022	08:15		Continued.	Preventive Maintenance Work	
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)	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55		Continued.	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		Continued.	Coal Shortage	
MSPGCL	Koradi Unit-10	660	07/04/2022	08:08		Continued.	Condenser Cleaning work.	
MSPGCL	Uran Unit B0	120	13/04/2022	13:49	15/04/2022	20:31	Bearing vibration high	
MSPGCL	Uran Unit 8	108	13/04/2022	13:49	15/04/2022	15:32	Bearing vibration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 15/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 16/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/Tripping							
MAIN BAY (404) OF STATION TF - 1 @ TIRODA	IntraState	15/04/2022	09:59	15/04/2022	18:31	PO	404-52 Breaker Maintenance and testing
400 KV LR Outages/Tripping							
50 MVAR LINE REACTOR OF BHUSAWAL LINE @ 400 KV KORADI	IntraState	15/04/2022	07:46	15/04/2022	14:38	PO	Oil leakage arresting work from Buchholz relay of 400kV Bhusawal Line Reactor by agency
400 KV LINE Outages/Tripping							
DHULE - KHANDWA CKT - 2	InterState	16/04/2022	09:16			PO	PG isolator Servicing & overhauling work
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	29/03/2022	13:28			T	HT FOR LOAD MANAGEMENT
BABHALESHWAR - PADGHE CKT - 2	IntraState	15/04/2022	18:51	15/04/2022	23:04	EO	To attend Hot-Spot at jumpers of Cut-point Towers. Loc. No. 984 under 500kV HVDC TL O&M Sub Division, Padghe. In Emergency Outage taken on dated 10.04.2022, the Hotspot at Loc No. 984, 996 and 946 were attended in the night time. In the Thermovision scanning done after outage, Out of three locations, the Hot-spot at location no. 984, Y-phase, Padghe side the temperature recorded is 99 C and need to be attended urgently. Prior to 10.04.2022 the temperature recorded at Loc No. 984 was 132 C.
JAIGAD - NEW KOYNA CKT - 1	IntraState	16/04/2022	09:20			PO	Diagnostic testing & Relay testing work & Routine maint. Work
400 KV ICT Outages/Tripping							
400/220KV 105 MVA SPARE ICT @ KARAD	IntraState	23/03/2022	10:14			EO	Spare ICT -1 will be taken into service through RRS in place of ICT-I R ph unit due to rising trend of various gases in ICT-I R ph unit
220 KV TBC Outages/Tripping							
BUS COUPLER @ NAGOTHANE	IntraState	13/04/2022	11:42	15/04/2022	23:24	PO	CT tan delta testing
TBC @ VERSOVA (AEML)	IntraState	15/04/2022	09:23	15/04/2022	19:10	PO	Safety Purpose during annual maintenance work of 100MVA transformer-1.
220 KV LINE Outages/Tripping							
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
NEW KOYNA - NIWALI	IntraState	14/04/2022	19:25	15/04/2022	11:45	T	Tripped on Distance protection
NEW KOYNA - NIWALI	IntraState	14/04/2022	22:00	15/04/2022	04:41	PO	For cold washing of insulator strings from Loc no 01 to 53(Niwali LILO Line), 56 to 195.
PADGHE - JAMBHUL 1	IntraState	15/04/2022	03:45	15/04/2022	11:05	PO	1)Charging of 220kV EHV cable between Loc no. 44 & 43 on 220kV Padgha - Jambhul Line. 2) Cut - point formation on Loc no.43 of 220kV Padgha - Jambhul Line.
EKLAHARA(OCR)-RAYMOND	IntraState	15/04/2022	10:48	15/04/2022	20:05	PO	For Diagnostic Testing work
EKLAHARA(OCR)-RAYMOND	IntraState	15/04/2022	10:48	15/04/2022	20:05	PO	Diagnostic Testing work 2. Replacement of faulty disc insulators 3. Alignment of 220 KV Bus isolators

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 16/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
MALHARPETH - KARAD	IntraState	15/04/2022	11:07	15/04/2022	17:08	PO	Replacement of TSR-I, Fixing of TSR-II & relay testing work. Quart. Maint work
CREEK SIDE BUS @ KALWA	IntraState	15/04/2022	13:16	15/04/2022	19:10	PO	100kv Creek side Bus outage for earth wire replacement work
ALKUD - MENDHEGIRI CKT - 1	IntraState	15/04/2022	17:45	15/04/2022	23:55	T	tripped on dist prot
SALSETTE - SAKI -7	IntraState	16/04/2022	07:14	16/04/2022	09:20	PO	TREE TRIMMING IN SPAN 27-28
MAHAPE - RELIANCE GIS	IntraState	16/04/2022	09:01			PO	For installation of repaired line differential relay and bay maintenance work.
LAMBOTI - PANDHARPUR	IntraState	16/04/2022	09:27			T	LINE TRIPPED ONLY AT LAMBOTI END. WAVETRIP JUMPER OPENED AT LAMBOTI.
NEW KOYNA - NIWALI	IntraState	16/04/2022	09:43			PO	For cold washing of insulator strings from Loc no 01 to 53(Niwali LILO Line), 56 to 195.
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 Differential 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 315 MVA ICT 6 @ CARNAC	IntraState	03/04/2022	11:00			PO	FOR SHIFTING ON NEW 110 KV GIS
BUS COUPLER @ LONIKAND	IntraState	14/04/2022	20:35	15/04/2022	02:59	PO	Back up relay & Master trip relay replacement work under MTAMC Project.
220/22 KV 50 MVA PTR 2 @ ANANDNAGAR	IntraState	15/04/2022	08:40	15/04/2022	09:25	PO	LV B Phase CT replacement work and hot spot attending work
220/22 KV 50 MVA PTR 1 @ MAHAPE	IntraState	15/04/2022	09:10	15/04/2022	11:06	PO	To attend hot spot and bay maintenance work.
220/33kV 100 MVA TF 1 @ VERSOVA (AEML)	IntraState	15/04/2022	09:22	15/04/2022	19:09	PO	Inspection of online tanelta sensor and annual maintenance work of transformer and bay equipments.
220/22 KV 50 MVA PTR 4 @ TEMGHAR	IntraState	15/04/2022	10:13	15/04/2022	13:46	PO	For Y ph LV CT oil leakage attending work
220/22KV 50 MVA PTR - 3 @ AKP	IntraState	16/04/2022	08:28			PO	HV CT (R, Y, B PH) replacement work.
220 / 110 / 22kV 250MVA ICT 1 @ BORIVALI (TATA)	IntraState	16/04/2022	10:08			PO	project work-copper bus replacement
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 shfting 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 shfting these lines on new Multicircuit Towers between Darave to Vashi.

