

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Apr/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.820	2287.289	1) Gujrat	-4.460	-61.332
2) Hydro	26.641	498.430	2) Madhya Pradesh	7.558	137.231
3) Gas	6.576	89.429	3) Chattisgarh	4.250	65.710
Total MSPGCL	195.037	2875.148	4) Maharashtra	175.299	2287.873
B) 1) APLM	76.316	1059.483	5) Goa (Amona)	-1.470	-23.683
2) JSWEL	20.800	262.788	Total	181.177	2405.799
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.049	412.862
4) RPL(AMT)	31.541	429.414	b) Mumbai Drawl	34.586	455.639
5) SWPGPL	9.435	127.898	c) MSEDCL Bilateral *	63.827	935.675
6) Other IPP	32.838	482.656	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.049	412.754
C) 1) TPCL Thermal	16.141	220.678	Include PX	0.000	0.000
2) TPCL Hydro	3.021	50.342	Standby	0.000	0.108
3) TPCL Gas	3.885	45.812	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.805	163.010	1) MSEDCL	522.468	7355.826
D) STATE			2) Mumbai Discoms	69.438	935.487
1) Thermal	360.696	5033.216	3) Other Discoms	8.883	125.768
(A1+C1+C4+(B1-B6))			TOTAL STATE	600.789	8417.081
2) Hydro	29.662	548.772			
(A2+C2)					
3) Gas	10.461	135.241			
(A3+B7+C3)					
4) Wind	11.343	172.425			
6) SOLAR	7.450	121.622			
TOTAL STATE	419.612	6011.276			

* 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 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6774	6844	6655	6621
MSPGCL Hydro	1325	1038	1698	542
MSPGCL Gas	278	267	270	281
MSPGCL Total Generation	8377	8149	8623	7444
Central Sector Receipt	9344	9216	6757	6836
WIND	185	158	788	1133
CPP / IPP Thermal	6860	6823	7031	7109
CPP / IPP Gas	0	0	0	0
SOLAR	1015	870	0	0
Exchange with Mumbai	-1827	-1864	-1357	-1491
MSEDCL DEMAND MET	23685	23085	21556	20802
Load Shedding	731	2059	0	26
MSEDCL DEMAND	24416	25144	21556	20828
TPCL GENERATION	946	951	1200	968
AEML GENERATION	483	486	499	469
MUMBAI DEMAND	3256	3301	3056	2928
OTHER DISCOM DEMAND	401	400	420	361
STATE DEMAND MET	27342	26786	25032	24091
STATE DEMAND	28073	28845	25032	24117
Frequency (Hz)	49.97	49.97	50.02	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.27 Hz at 18.02 Hrs	49.74 Hz at 22.12 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 14/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.42	52.03	210	135
Unit 7	0.00	0.00	0	0
Unit 8	13.85	191.27	596	487
Unit 9	13.80	192.22	592	552
Unit 10	0.00	60.94	0	0
Total	32.07	496.45		
Bhusawal				
Unit 3	3.92	26.10	165	155
Unit 4	8.92	126.94	375	370
Unit 5	8.90	131.60	375	370
Total	21.75	284.63		
Parli				
Unit 6	4.36	55.03	208	173
Unit 7	4.01	54.84	189	119
Unit 8	3.32	47.44	160	132
Total	11.69	157.32		
Chandrapur				
Unit 3	4.44	62.53	187	182
Unit 4	3.99	56.51	170	160
Unit 5	7.29	118.34	311	295
Unit 6	7.40	92.86	320	288
Unit 7	8.74	123.38	386	330
Unit 8	10.72	147.69	478	412
Unit 9	10.42	142.61	443	420
Total	53.01	743.93		
Paras				
Unit 3	5.27	74.55	231	200
Unit 4	5.10	70.36	231	200
Total	10.37	144.92		
Khaparkheda				
Unit 1	3.18	44.64	155	110
Unit 2	3.13	46.06	145	110
Unit 3	3.59	54.37	185	128
Unit 4	3.45	53.22	172	126
Unit 5	11.20	151.81	475	445
Total	24.55	350.11		
Nasik				
Unit 3	4.31	53.01	189	166
Unit 4	4.06	56.92	184	150
Unit 5	0.00	0.00	0	0
Total	8.37	109.94		
Uran				
All Units	6.58	89.43	293	257
Total	6.58	89.43		
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)	0.06	1.87	23	0
Total	0.06	1.87		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.75	103.12	515	40
Stage 4	9.15	216.18	763	0
Stage 3	3.45	68.77	240	0
Total	18.34	388.06		
Hydro				
KDPH	0.82	11.93	34	34
VTRNA	0.82	10.39	60	0
TILLARI	0.46	6.28	58	0
BHIRA T.R.	0.16	2.34	77	0
SMLHY_PTN	5.84	76.51	256	228
GHATGHAR	0.12	1.06	90	0
Total	8.23	108.50		
Wind				
Total	11.34	172.42	0	0
Total	11.34	172.42		
CPP				
APML(Mus)	76.32	1059.48	0	0
JSWEL(Mus)	20.80	262.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.54	429.41	0	0
SWPGPL-Mus	9.44	127.90	0	0
Other(Mus)	32.84	482.66	0	0
Total	170.93	2362.24		
SOLAR				
Total	7.45	121.62	0	0
Total	7.45	121.62		
Tata				
Trombay 5	10.71	148.18	474	419
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	27.41	113	68
Trombay 7B	1.48	18.40	66	52
TATA Hydro	3.02	50.34	355	0
Trombay 8	5.43	72.50	240	171
Total	23.05	316.83		
AEML				
DTPS U-1&2	11.80	163.01	501	469
Total	11.80	163.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.82	2287.29	MSPGCL Total	195.04	2875.15
			MSPGCL Thml+Gas	168.40	2376.72	Koyna 1,2 & 4 Total	14.90	319.30
			MSPGCL Hydro	26.64	498.43	State Total	419.61	6011.28

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/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	6794	1210	269	8273	440	7289	0	0	6418	6732	-1352	21054	1491	22545	2909	328	25782	49.90
2	6776	1088	281	8145	346	7279	0	0	6346	6365	-1198	20624	1329	21953	2706	313	24972	49.90
3	6755	1463	271	8489	302	7228	0	0	6117	6640	-1066	21296	1523	22819	2525	297	25641	49.96
4	6756	1086	292	8134	338	7217	0	0	6070	6315	-996	20717	1571	22288	2405	291	24984	49.98
5	6803	1150	272	8225	357	7232	0	0	6042	6517	-936	21092	1620	22712	2343	303	25358	49.96
6	6840	1152	282	8274	374	7195	0	0	6083	6282	-958	20837	2009	22846	2397	330	25573	49.98
7	6825	1007	293	8125	390	7171	0	30	6144	6167	-1026	20496	1609	22105	2387	361	24853	50.02
8	6785	1057	272	8114	413	7096	0	177	6406	7048	-1148	21333	299	21632	2428	367	24427	50.01
9	6812	884	291	7987	291	6994	0	461	8175	8324	-1370	22304	0	22304	2647	383	25334	49.99
10	6798	1216	270	8284	205	6954	0	685	8362	8809	-1612	22927	254	23181	2935	398	26514	49.94
11	6746	1184	268	8198	229	6952	0	912	8810	9139	-1767	23257	723	23980	3153	406	27539	49.96
12	6774	1325	278	8377	185	6992	0	1015	8972	9344	-1827	23685	731	24416	3256	401	28073	49.97
13	6799	1272	257	8328	137	6981	0	1055	9274	9596	-1836	23882	458	24340	3253	379	27972	49.97
14	6856	1069	277	8202	145	6945	0	1023	9485	9456	-1821	23568	850	24418	3212	382	28012	50.02
15	6844	1038	267	8149	158	6956	0	870	9091	9216	-1864	23085	2059	25144	3301	400	28845	49.97
16	6739	839	268	7846	247	7014	0	654	8498	8576	-1879	22065	2198	24263	3320	393	27976	49.98
17	6615	810	268	7693	311	7038	0	402	8193	8464	-1864	21637	1214	22851	3246	407	26504	50.05
18	6639	1551	269	8459	559	7127	0	156	7595	7426	-1685	21636	464	22100	3118	406	25624	50.08
19	6618	1398	259	8275	811	7168	0	10	6676	6499	-1421	20936	0	20936	3006	406	24348	50.03
20	6655	1698	270	8623	788	7165	0	0	6498	6757	-1357	21556	0	21556	3056	420	25032	50.02
21	6675	1129	271	8075	1110	7183	0	0	6522	6625	-1360	21228	15	21243	2998	405	24646	50.00
22	6608	545	270	7423	1002	7232	0	0	6555	6558	-1316	20514	41	20555	2942	385	23882	49.95
23	6621	542	281	7444	1133	7241	0	0	7034	6836	-1491	20802	26	20828	2928	361	24117	49.91
24	6687	928	280	7895	1072	7296	0	0	7222	7486	-1436	21954	0	21954	2967	359	25280	49.95
MUs	161.82	26.64	6.58	195.04	11.34	170.95	0.00	7.45	176.59	181.18	-34.59	522.48	20.48	542.97	69.44	8.88	621.29	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 14/Apr/2022

Position as on 6.30 Hrs of 15/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)	
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/Trippings for 14/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Trippings							
TIE BAY (705) OF ICT - 2 & BUS REACTOR @ KORADI 3	IntraState	14/04/2022	09:10	14/04/2022	18:19	PO	Annual Maintenance of Bay equipment
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	13/04/2022	23:12	14/04/2022	01:24	EO	Attending CT OIL LEAKAGE at pole-2 base filter Z21- Z21 Y-ph
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	14/04/2022	05:02	14/04/2022	07:50	T	Tripped on Line Fault
400 KV MAINBAY Outages/Trippings							
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/Trippings							
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/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	29/03/2022	13:28			T	HT FOR LOAD MANAGEMENT
NAGOTHANE - DABHOL CKT - 2	IntraState	14/04/2022	00:52	14/04/2022	01:27	T	Distance Protection
NAGOTHANE - DABHOL CKT - 2	IntraState	14/04/2022	09:59	14/04/2022	18:56	PO	Cold washing work
LONIKAND II - LONIKAND I (INTERCONNECTOR) - 1	IntraState	14/04/2022	16:51	14/04/2022	20:26	PO	Half Yearly Bay Maintenance & DT work
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.
400 KV ICT Outages/Trippings							
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/Trippings							
BUS COUPLER @ NAGOTHANE	IntraState	13/04/2022	11:42	15/04/2022	23:24	PO	CT tan delta testing
TBC @ AAREY	IntraState	14/04/2022	09:12	14/04/2022	18:26	PO	Annual maintenance work on 589C side isolator during outage of Bay-5 i.e 125MVA TR 2
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/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
HAMIDWADA - MUMEWADI	IntraState	13/04/2022	11:03	14/04/2022	14:45	PO	For Overhauling of 245 KV CGL make Circuit Breaker & maintenance work.
TROMBAY (M) - CHEMBUR CKT - 3	IntraState	13/04/2022	13:25			PO	Bunching work at Loc No. 723 & 62

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
NEW KOYNA - NIWALI	IntraState	14/04/2022	08:42	14/04/2022	18:20	PO	For cold washing of insulator strings from Loc no 01 to 53(Niwali LILO Line), 56 to 195.
TROMBAY - MULUND	IntraState	14/04/2022	09:00			PO	Erection of tower at Loc No.72
LAMBOTI - KARKAMB	IntraState	14/04/2022	15:28	14/04/2022	15:50	T	Tripped on Distance protection
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
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
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 dismantailing 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 Diferential 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
220/33kV 125 MVA TF 2 @ AAREY	IntraState	14/04/2022	09:12	14/04/2022	18:25	PO	1. Annual maintenance work on Bay-5 equipments, Transformer 2 & NGT-2. 2. Calibration of OTI/ WTI meter 3. For attending observation of TR -2 N2FF system nonworking issue.
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 tandelta 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
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 15/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 shfting 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 shfting these lines on new Multicircuit Towers between Darave to Vashi.

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