

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/May/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.410	634.305	1) Gujrat	-3.138	-13.558
2) Hydro	27.841	87.083	2) Madhya Pradesh	9.522	31.587
3) Gas	6.133	24.540	3) Chattisgarh	4.360	16.550
Total MSPGCL	188.384	745.928	4) Maharashtra	199.787	759.486
B) 1) APML	75.037	276.310	5) Goa (Amona)	-1.608	-6.982
2) JSWEL	18.159	70.049	Total	208.923	787.083
3) VIPL	0.000	0.000	a) Mumbai Schedule	34.643	139.091
4) RPL(AMT)	27.650	109.128	b) Mumbai Drawl	38.303	151.514
5) SWPGPL	9.486	35.287	c) MSEDCL Bilateral *	69.625	300.985
6) Other IPP	23.034	99.448	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	34.643	139.091
C) 1) TPCL Thermal	15.026	57.867	Include PX	0.000	0.000
2) TPCL Hydro	2.940	10.838	Standby	0.000	0.000
3) TPCL Gas	3.657	11.736	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.545	45.894	1) MSEDCL	526.891	2075.925
D) STATE			2) Mumbai Discoms	71.471	277.848
1) Thermal	334.347	1328.288	3) Other Discoms	9.366	36.740
(A1+C1+C4+(B1-B6))			TOTAL STATE	607.728	2390.513
2) Hydro	30.781	97.921			
(A2+C2)					
3) Gas	9.790	36.276			
(A3+B7+C3)					
4) Wind	14.239	101.304			
6) SOLAR	9.648	39.642			
TOTAL STATE	398.805	1603.431			

* 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	6569	6497	6499	6417
MSPGCL Hydro	430	1256	1451	685
MSPGCL Gas	237	256	247	257
MSPGCL Total Generation	7236	8009	8197	7359
Central Sector Receipt	10447	10368	7845	8314
WIND	343	322	667	356
CPP / IPP Thermal	6180	6334	6761	6193
CPP / IPP Gas	0	0	0	0
SOLAR	1320	822	0	316
Exchange with Mumbai	-2126	-2077	-1490	-1249
MSEDCL DEMAND MET	22963	23348	21562	20893
Load Shedding	0	0	0	0
MSEDCL DEMAND	22963	23348	21562	20893
TPCL GENERATION	837	939	1069	758
AEML GENERATION	458	495	483	469
MUMBAI DEMAND	3421	3511	3042	2476
OTHER DISCOM DEMAND	436	429	417	396
STATE DEMAND MET	26821	27288	25022	23765
STATE DEMAND	26821	27288	25022	23765
Frequency (Hz)	49.99	50.02	49.91	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.28 Hz at 18.04 Hrs	49.72 Hz at 08.30 Hrs	50	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 04/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.57	17.56	200	170
Unit 7	0.00	0.00	0	0
Unit 8	12.96	52.88	583	440
Unit 9	13.08	53.20	595	497
Unit 10	12.92	51.77	578	482
Total	43.52	175.40		
Bhusawal				
Unit 3	3.06	12.22	145	110
Unit 4	0.00	11.38	0	0
Unit 5	8.86	34.81	435	270
Total	11.92	58.41		
Parli				
Unit 6	0.00	10.99	0	0
Unit 7	5.21	11.18	234	202
Unit 8	3.26	13.05	148	127
Total	8.47	35.22		
Chandrapur				
Unit 3	4.34	16.63	185	170
Unit 4	3.86	15.04	164	158
Unit 5	8.90	34.87	375	363
Unit 6	7.45	10.95	405	270
Unit 7	9.26	36.64	407	330
Unit 8	0.00	33.56	0	0
Unit 9	10.17	40.31	461	326
Total	43.98	188.00		
Paras				
Unit 3	4.94	17.04	233	156
Unit 4	5.02	16.90	219	159
Total	9.96	33.94		
Khaparkheda				
Unit 1	2.48	11.17	120	80
Unit 2	3.21	14.14	155	100
Unit 3	3.74	15.38	180	106
Unit 4	3.51	13.76	159	140
Unit 5	11.08	43.86	480	450
Total	24.02	98.32		
Nasik				
Unit 3	4.18	15.52	185	126
Unit 4	4.28	14.53	189	142
Unit 5	4.08	14.96	184	132
Total	12.54	45.01		
Uran				
All Units	6.13	24.54	267	237
Total	6.13	24.54		
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)	0.16	0.42	23	0
Total	0.16	0.42		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.84	15.82	520	40
Stage 4	10.46	28.77	1000	0
Stage 3	3.77	9.94	320	0
Total	19.08	54.53		
Hydro				
KDPH	0.72	2.30	30	30
VTRNA	0.82	3.36	60	0
TILLARI	0.58	2.34	58	0
BHIRA T.R.	0.10	0.48	57	0
SMLHY_PTN	5.56	21.41	240	220
GHATGHAR	0.83	2.24	125	0
Total	8.60	32.13		
Wind				
Total	14.24	101.30	0	0
Total	14.24	101.30		
CPP				
APML(Mus)	75.04	276.31	0	0
JSWEL(Mus)	18.16	70.05	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	27.65	109.13	0	0
SWPGPL-Mus	9.49	35.29	0	0
Other(Mus)	23.03	99.45	0	0
Total	153.37	590.22		
SOLAR				
Total	9.65	39.64	0	0
Total	9.65	39.64		
Tata				
Trombay 5	9.76	37.96	419	387
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.24	6.81	113	58
Trombay 7B	1.42	4.92	66	47
TATA Hydro	2.94	10.84	241	45
Trombay 8	5.26	19.90	235	187
Total	21.62	80.44		
AEML				
DTPS U-1&2	11.54	45.89	501	458
Total	11.54	45.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.41	634.30	MSPGCL Total	188.38	745.93
			MSPGCL Thml+Gas	160.54	658.84	Koyna 1,2 & 4 Total	15.31	44.59
			MSPGCL Hydro	27.84	87.08	State Total	398.80	1603.43

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 04/May/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	6229	2082	247	8558	949	6106	0	0	7949	8213	-1532	21944	0	21944	2976	350	25270	49.91
2	6234	2213	257	8704	1088	6177	0	0	7640	7768	-1407	22003	0	22003	2782	327	25112	49.95
3	6145	2169	266	8580	1042	6313	0	0	7433	7573	-1275	21955	0	21955	2592	278	24825	49.97
4	6171	1831	257	8259	909	6458	0	0	7514	7636	-1164	21819	0	21819	2452	279	24550	49.96
5	6212	1628	267	8107	813	6498	0	0	7709	7721	-1103	21730	0	21730	2392	306	24428	50.01
6	6366	1609	256	8231	697	6497	0	1	7824	7953	-1105	21924	0	21924	2387	351	24661	49.99
7	6471	1213	257	7941	539	6398	0	50	7874	8078	-1163	21456	0	21456	2367	387	24210	50.05
8	6417	685	257	7359	356	6193	0	316	8053	8314	-1249	20893	0	20893	2476	396	23765	50.04
9	6404	531	257	7192	319	6082	0	670	8414	9025	-1489	21384	0	21384	2749	415	24548	50.01
10	6442	651	267	7360	397	6036	0	938	9194	9316	-1779	21828	0	21828	3061	439	25329	49.95
11	6561	472	256	7289	412	6356	0	1202	9773	9752	-1975	22606	0	22606	3313	430	26349	50.01
12	6569	430	237	7236	343	6180	0	1320	10623	10447	-2126	22963	0	22963	3421	436	26821	49.99
13	6585	410	267	7262	236	6188	0	1293	10449	10578	-2091	23040	0	23040	3417	426	26883	50.02
14	6459	462	257	7178	253	6221	0	1187	10517	10708	-1939	23211	0	23211	3320	397	26928	50.05
15	6485	730	237	7452	237	6239	0	1049	10688	10913	-2081	23400	0	23400	3464	410	27273	50.04
16	6497	1256	256	8009	322	6334	0	822	10249	10368	-2077	23348	0	23348	3511	429	27288	50.02
17	6530	1112	257	7899	479	6382	0	533	9548	9391	-1987	22275	0	22275	3434	422	26130	50.01
18	6440	1108	237	7785	598	6380	0	225	8620	8669	-1747	21479	0	21479	3286	431	25196	50.08
19	6400	768	267	7435	487	6617	0	42	7529	7890	-1543	20506	0	20506	3088	422	24016	50.05
20	6499	1451	247	8197	667	6761	0	0	7472	7845	-1490	21562	0	21562	3042	417	25022	49.91
21	6522	1019	256	7797	758	6729	0	0	7320	7103	-1491	20467	0	20467	2976	429	23872	50.02
22	6591	1078	257	7926	917	6720	0	0	7235	7309	-1429	21029	0	21029	2942	414	24385	49.99
23	6603	1292	267	8162	826	6748	0	0	7645	8023	-1491	21871	0	21871	2977	396	25244	50.02
24	6578	1641	247	8466	595	6754	0	0	8018	8330	-1570	22197	0	22197	3046	379	25622	50.02
MUs	154.41	27.84	6.13	188.38	14.24	153.37	0.00	9.65	205.29	208.92	-38.30	526.89	0.00	526.89	71.47	9.37	607.73	50.00

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 04/May/2022

Position as on 6.30 Hrs of 05/May/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	RPL(AMT) U-1	270	02/05/2022	07:15	04/05/2022	13:30	CW line below leakage	
MSPGCL	Bhusawal Unit 4	500	02/05/2022	11:00		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 6	250	03/05/2022	12:13		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 8	500	03/05/2022	23:52		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	05/05/2022	01:31		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	05/05/2022	02:22	05/05/2022	07:50	Main Oil Tank low Transmitter Malfuction	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/May/2022

Statement-VII

Position as on 6.30 Hrs of 05/May/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- 404 OF 400/220/33 KV 501 MVA ICT - 2 @ LAMBOTI	IntraState	04/05/2022	10:07	04/05/2022	18:06	PO	Diagnostic Testing work
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21			HT	HT for Load Management
NAGOTHANE - DABHOL CKT - 1	IntraState	04/05/2022	11:48	04/05/2022	14:18	T	Tripped on Distance protection.
CHANDRAPUR 2 - DHARIWAL CKT - 1	IntraState	04/05/2022	12:39	04/05/2022	20:00	PO	Replacement of PLCC faulty amplifier of CH1 & Chandrapur-2 end, also hot spot attending work in bay equipments and Main BCU PMU (CT & PT) card replacement work at M/S DIL end
NEW KOYNA-KARAD CKT - 2	IntraState	04/05/2022	16:43	04/05/2022	18:33	EO	For attending hot spot at Y-ph 29B Bus isolator IPS clamp (Temp 162 deg)
BABHALESHWAR - PADGHE CKT- 1	IntraState	05/05/2022	00:28	05/05/2022	06:01	EO	A] HVDC TL O&M Sub-Division, Junnar:- 1. For Replacement of Flashover R-phase Pilot string & B-Phase Pilot String at Location No. 865. 2.Chemical Cleaning of dust contaminated Disc insulator string from location no.856 to 865 in Naneghat Area. B] HVDC TL O&M Sub-Division, Padghe:- 1.Chemical Cleaning of dust contaminated Disc insulator string from location no.866 to 873 in Naneghat Area.
KORADI-NANDGAONPETH (RPL)	IntraState	05/05/2022	06:18			PO	1) Yes, Outage required to check the exact problem of continuous sparking in the wavetrap and if found any abnormality, R ph wavetrap will be replaced, 2) B-ph CT replacement work (due to metering core is saturated)
KHARGHAR - TALEGAON (PG)	IntraState	05/05/2022	06:20			T	Distance Protection
400 KV ICT Outages/Trippings							
GTR - 8 @ CHANDRAPUR SWITCHING SS	IntraState	04/05/2022	18:40			EO	For Allied Bay maintenance work
400/220/33 KV 500 MVA ICT - 3 @ KOLHAPUR	IntraState	04/05/2022	19:02	05/05/2022	00:04	EO	To attend hot spot at 1. 400kV Y ph CT 2. 220kV b bus isolator
400 KV BR Outages/Trippings							
80 MVAR Bus reactor @ Talandge	IntraState	24/04/2022	18:45			T	Differential Trip
220 KV LINE Outages/Trippings							
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.
BOISAR II - TARAPUR	IntraState	30/04/2022	11:32			PO	Replacement of existing 0.5 ACSR MOOSE Conductor at loc. No. 11- 28, replacement of heavily Rusted Hardware , heavily rusted earth-wire and all insulator strings of the line
TAMBATI - ADLABS	IntraState	04/05/2022	07:18	04/05/2022	09:25	PO	Hot spot attending work at both end (Tambati and Adlab)
LONAND-BARAMATI	IntraState	04/05/2022	08:01	04/05/2022	19:04	HT	To control overloading at 400 KV Jejuri S/S.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/May/2022

Statement-VII

Position as on 6.30 Hrs of 05/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
PETH- MUDSHINGI 1 LINE	IntraState	04/05/2022	10:15	04/05/2022	15:43	HT	To control overloading of ICTs at 400 KV Kolapur S/S.
WATHAR - MUDSHINGI 3 LINE	IntraState	04/05/2022	11:16	04/05/2022	15:49	HT	To control overloading of ICTs at 400 KV Kolapur S/S.
MAHAD - KANDALGAON	IntraState	04/05/2022	12:53	04/05/2022	21:00	PO	Outage tree cutting work at Loc.No.280-282,290-291,293-294,299-301,306-309, and other line maintenance work.
MIRAJ - ICHALKARANJI	IntraState	04/05/2022	16:03	04/05/2022	17:55	EO	1) Hot spot attending work
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	04/05/2022	18:00	04/05/2022	20:24	EO	Emergency work. Fixing and pressing of repair sleeves on R-phase of conductor at loc.no.89.
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 Diferrential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/132 KV 200 MVA ICT 2 @ BOISAR-II	IntraState	04/05/2022	06:24	04/05/2022	06:34	EO	Outage is required to lift the end bell cover of failed 200MVA ICT with the crane. 200MVA ICT No.02 (220/132kV) may come in the induction zone of the crane to be used for the lifting of the cover & thus for safety reasons, emergency HT of the 200MVA ICT No.02 is required.
220/22kV 25 MVA TF - 2 @ VILE-BHAGAD	IntraState	04/05/2022	08:00	04/05/2022	15:17	PO	1.Diagnostic Testing work 2. Jumper Nut bolt tightening work 3. premansson maintenace work 4. Isolator alignment work
220/132KV 100MVA ICT 3 @ PANDHARPUR	IntraState	04/05/2022	09:20	04/05/2022	12:15	PO	Outage is required for Quarterly Maintenance
220/33 KV 50 MVA TF - 1@BELWANDI	IntraState	04/05/2022	13:20	04/05/2022	17:27	PO	For INTEGRATING HV & LV BAYS INTO SCADA
220/132 KV 150 MVA ICT-2 @BHENDA	IntraState	04/05/2022	19:30	04/05/2022	22:55	EO	To check the physical suitability and fitment of available Spare Buchholz relay from other substation at the place of existing faulty Buccholz relay. If the dimension are matched then faulty Buchholz will replaced in order to avoid future occurrences.
110 KV LINE Outages/Trippings							
DHARAVI POWAI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/May/2022

Statement-VII

Position as on 6.30 Hrs of 05/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
DHARAVI VIKHROLI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
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.
TATA BORIVLI MSETCL BORIVLI 1	IntraState	04/05/2022	09:48	04/05/2022	17:23	PO	INSULATOR REPACEMENT

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