

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/May/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.235	479.895	1) Gujrat	-1.366	-10.420
2) Hydro	26.733	59.242	2) Madhya Pradesh	9.589	22.065
3) Gas	6.152	18.407	3) Chattisgarh	4.650	12.190
Total MSPGCL	194.120	557.544	4) Maharashtra	198.697	559.699
B) 1) APLM	64.746	201.273	5) Goa (Amona)	-1.822	-5.374
2) JSWEL	14.934	51.890	Total	209.748	578.160
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.774	104.448
4) RPL(AMT)	25.584	81.478	b) Mumbai Drawl	36.599	113.211
5) SWPGPL	8.478	25.801	c) MSEDCL Bilateral *	73.531	231.359
6) Other IPP	24.853	76.414	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.774	104.448
C) 1) TPCL Thermal	15.207	42.841	Include PX	0.000	0.000
2) TPCL Hydro	2.995	7.898	Standby	0.000	0.000
3) TPCL Gas	2.691	8.079	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.506	34.349	1) MSEDCL	529.641	1549.034
D) STATE			2) Mumbai Discoms	68.997	206.377
1) Thermal	326.543	993.941	3) Other Discoms	9.127	27.374
(A1+C1+C4+(B1-B6))			TOTAL STATE	607.765	1782.785
2) Hydro (A2+C2)	29.728	67.140			
3) Gas (A3+B7+C3)	8.843	26.486			
4) Wind	23.062	87.065			
6) SOLAR	9.842	29.994			
TOTAL STATE	398.018	1204.626			

* 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	6859	6824	6836	6732
MSPGCL Hydro	520	1296	717	1505
MSPGCL Gas	257	267	256	247
MSPGCL Total Generation	7636	8387	7809	8484
Central Sector Receipt	11093	10142	7514	8126
WIND	559	745	1488	720
CPP / IPP Thermal	5414	5682	5644	5541
CPP / IPP Gas	0	0	0	0
SOLAR	1311	815	0	356
Exchange with Mumbai	-1909	-1966	-1503	-1156
MSEDCL DEMAND MET	23673	23405	20540	21692
Load Shedding	0	0	0	0
MSEDCL DEMAND	23673	23405	20540	21692
TPCL GENERATION	762	812	991	791
AEML GENERATION	488	482	440	459
MUMBAI DEMAND	3159	3260	2934	2406
OTHER DISCOM DEMAND	431	400	412	379
STATE DEMAND MET	27263	27065	23886	24477
STATE DEMAND	27263	27065	23886	24477
Frequency (Hz)	50.00	49.88	49.95	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 08.02 Hrs	49.5 Hz at 14.54 Hrs	49.96	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 03/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.48	12.99	195	165
Unit 7	0.00	0.00	0	0
Unit 8	12.70	39.92	575	446
Unit 9	13.35	40.12	575	512
Unit 10	12.76	38.86	550	510
Total	43.29	131.88		
Bhusawal				
Unit 3	3.32	9.17	150	115
Unit 4	0.00	11.38	0	0
Unit 5	9.16	25.95	410	315
Total	12.47	46.50		
Parli				
Unit 6	1.81	10.99	165	0
Unit 7	4.98	5.98	230	122
Unit 8	3.29	9.78	148	130
Total	10.07	26.75		
Chandrapur				
Unit 3	4.09	12.28	185	125
Unit 4	3.89	11.18	169	145
Unit 5	8.84	25.98	380	345
Unit 6	3.50	3.50	280	0
Unit 7	9.53	27.38	425	365
Unit 8	10.73	33.56	482	214
Unit 9	9.80	30.14	424	393
Total	50.37	144.02		
Paras				
Unit 3	4.21	12.10	204	127
Unit 4	3.90	11.88	194	116
Total	8.11	23.98		
Khaparkheda				
Unit 1	2.92	8.69	140	105
Unit 2	3.72	10.94	165	115
Unit 3	3.53	11.64	178	115
Unit 4	3.48	10.25	161	127
Unit 5	10.98	32.78	480	410
Total	24.64	74.30		
Nasik				
Unit 3	4.15	11.34	186	120
Unit 4	4.06	10.24	188	135
Unit 5	4.08	10.88	190	145
Total	12.28	32.46		
Uran				
All Units	6.15	18.41	277	246
Total	6.15	18.41		
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)	0.14	0.26	33	0
Total	0.14	0.26		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.24	10.97	525	40
Stage 4	11.12	18.31	1017	0
Stage 3	2.98	6.18	240	0
Total	18.33	35.45		
Hydro				
KDPH	0.72	1.58	30	30
VTRNA	0.86	2.55	60	0
TILLARI	0.58	1.76	58	0
BHIRA T.R.	0.12	0.38	57	0
SMLHY_PTN	5.54	15.85	241	217
GHATGHAR	0.45	1.41	125	0
Total	8.27	23.52		
Wind				
Total	23.06	87.06	0	0
Total	23.06	87.06		
CPP				
APML(Mus)	64.75	201.27	0	0
JSWEL(Mus)	14.93	51.89	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.58	81.48	0	0
SWPGPL-Mus	8.48	25.80	0	0
Other(Mus)	24.85	76.41	0	0
Total	138.60	436.86		
SOLAR				
Total	9.84	29.99	0	0
Total	9.84	29.99		
Tata				
Trombay 5	9.74	28.20	423	384
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.52	4.58	92	51
Trombay 7B	1.17	3.50	59	42
TATA Hydro	3.00	7.90	287	41
Trombay 8	5.46	14.64	232	213
Total	20.89	58.82		
AEMIL				
DTPS U-1&2	11.51	34.35	499	420
Total	11.51	34.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.24	479.90	MSPGCL Total	194.12	557.54
			MSPGCL Thml+Gas	167.39	498.30	Koyna 1,2 & 4 Total	15.35	29.28
			MSPGCL Hydro	26.73	59.24	State Total	398.02	1204.63

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	6581	1926	257	8764	1175	6324	0	0	7835	7917	-1458	22397	0	22397	2989	325	25711	49.94
2	6565	1680	247	8492	1105	6383	0	0	7742	7960	-1318	22303	0	22303	2803	319	25425	50.00
3	6618	1851	266	8735	1087	6395	0	0	7577	7673	-1239	22360	0	22360	2628	291	25279	50.00
4	6662	1573	267	8502	1068	6401	0	0	7568	7713	-1178	22229	0	22229	2498	277	25004	49.93
5	6758	1637	257	8652	1102	6256	0	0	7618	7804	-1119	22389	0	22389	2437	306	25132	49.84
6	6797	1936	257	8990	1081	6095	0	0	7858	7714	-1081	22448	0	22448	2451	351	25250	49.76
7	6842	1603	267	8712	1018	5757	0	77	8011	8208	-1098	22311	0	22311	2389	363	25063	50.05
8	6732	1505	247	8484	720	5541	0	356	7533	8126	-1156	21692	0	21692	2406	379	24477	50.08
9	6582	495	256	7333	662	5520	0	653	8443	9153	-1400	21527	0	21527	2594	394	24515	50.14
10	6534	585	277	7396	572	5459	0	958	9298	9444	-1580	21841	0	21841	2844	408	25093	50.06
11	6825	620	247	7692	539	5536	0	1226	9764	10093	-1774	22893	0	22893	3054	419	26366	50.02
12	6859	520	257	7636	559	5414	0	1311	11105	11093	-1909	23673	0	23673	3159	431	27263	50.00
13	6943	410	246	7599	470	5562	0	1343	11069	10633	-1890	23313	0	23313	3167	404	26884	50.00
14	6858	405	257	7520	515	5499	0	1240	11195	11003	-1861	23521	0	23521	3139	395	27055	49.99
15	6812	406	247	7465	594	5506	0	1123	11351	10849	-1951	23180	0	23180	3224	406	26810	49.77
16	6824	1296	267	8387	745	5682	0	815	10406	10142	-1966	23405	0	23405	3260	400	27065	49.88
17	6826	1030	246	8102	1022	5685	0	493	9606	9806	-1886	22811	0	22811	3184	411	26406	49.99
18	6817	522	247	7586	1400	5681	0	206	8884	8326	-1756	21022	0	21022	3055	421	24498	50.02
19	6712	438	257	7407	1649	5613	0	41	7826	7500	-1523	20275	0	20275	2900	412	23587	50.04
20	6836	717	256	7809	1488	5644	0	0	7509	7514	-1503	20540	0	20540	2934	412	23886	49.95
21	6694	596	257	7547	1302	5636	0	0	7480	7615	-1520	20157	0	20157	2925	423	23505	49.95
22	6645	1130	257	8032	1127	5604	0	0	7355	7456	-1436	20373	0	20373	2912	410	23695	49.88
23	6506	1761	257	8524	1061	5657	0	0	7561	8006	-1477	21379	0	21379	2981	392	24752	49.86
24	6407	2091	256	8754	1001	5745	0	0	7915	8000	-1520	21604	0	21604	3065	376	25045	49.93
MUs	161.23	26.73	6.15	194.12	23.06	138.59	0.00	9.84	208.51	209.75	-36.60	529.64	0.00	529.64	69.00	9.13	607.77	49.96

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 03/May/2022

Position as on 6.30 Hrs of 04/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	
MSPGCL	Chandrapur Unit 6	500	29/04/2022	00:15	03/05/2022	09:52	Boiler Tube Leakage	02/05/2022
IPP	JSW (J) U3	300	02/05/2022	01:46	03/05/2022	18:54	Withdrawn	
IPP	RPL(AMT) U-1	270	02/05/2022	07:15		Continued.	CW line below leakage	
MSPGCL	Bhusawal Unit 4	500	02/05/2022	11:00		Continued.	Boiler Tube Leakage	
IPP	SWPGPL U-4	135	03/05/2022	06:15	03/05/2022	11:50	Turbine Vibration high	
IPP	Adani U-1	660	03/05/2022	06:16	03/05/2022	23:36	APH Problem.	
MSPGCL	Parli Unit 6	250	03/05/2022	12:13		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U3	300	03/05/2022	19:08	03/05/2022	21:41	cooling water line leakage.	
MSPGCL	Chandrapur Unit 8	500	03/05/2022	23:52		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 03/May/2022

Statement-VII

Position as on 6.30 Hrs of 04/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY - 402 OF BUS REACTOR @ ALKUD	IntraState	29/04/2022	15:25	03/05/2022	22:15	EO	For breaker replacement work
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21			HT	HT for Load Management
KHADKA-AURANGABAD	IntraState	03/05/2022	14:55	03/05/2022	17:02	EO	Hot spot attending work at 89C PG isolator R-ph
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
TEMGHAR - KALWA	IntraState	03/05/2022	06:15	03/05/2022	09:50	EO	To attend hot spot at Loc No. 2 (129 deg.C).
NERLE- POPHALI	IntraState	03/05/2022	10:10	03/05/2022	17:35	PO	1) Cold washing of insulator strings from Loc no. 1-15 2) CC/WT installation at Pophali end.
KARAD -MUDSHINGI CKT- 4	IntraState	03/05/2022	14:55	03/05/2022	19:47	PO	For replacement of Flashover R phase Polymer insulator string observed at tower loc no. 101 & 102 during petrolling on dt. 09.04.2022
LONIKAND (400 KV)-THEUR II	IntraState	03/05/2022	16:44	03/05/2022	17:41	EO	to attend hot spot on 29A Iso Temp=120 Degree C
LONIKAND (400 KV)-THEUR II	IntraState	03/05/2022	18:57			EO	Shifting of Bus from Bus-A to Bus-B through TBC due to Hot Spot On 29 A iso
LONIKAND (400 KV)-THEUR I	IntraState	03/05/2022	19:31			EO	Shifting of Bus from Bus-B to Bus-A through TBC due to Hot Spot On 220kV Theur-II ckt 29 A Iso
TALANDGE - MUDSHINGI CKT - 2	IntraState	03/05/2022	19:49	03/05/2022	22:44	EO	To attend hotspot on Rph CT, temp >160 deg cet.
TAMBATI - ADLABS	IntraState	04/05/2022	07:18			PO	Hot spot attending work at both end (Tambati and Adlab)
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
220/22 KV 50 MVA PTR 1 @ MAHAD	IntraState	03/05/2022	08:07	03/05/2022	19:05	PO	Transformer Painting Work & Diagnosis test by Testing team K'gaon and R&M work.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2022

Statement-VII

Position as on 6.30 Hrs of 04/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
110 KV LINE Outages/Trippings							
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.
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.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting 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-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.

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