

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/May/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	168.645	1620.137	1) Gujrat	-7.853	-47.531
2) Hydro	14.844	195.855	2) Madhya Pradesh	2.903	72.948
3) Gas	9.896	70.255	3) Chattisgarh	2.830	40.120
Total MSPGCL	193.385	1886.247	4) Maharashtra	200.013	1924.008
B) 1) APML	57.269	675.140	5) Goa (Amona)	-1.642	-15.737
2) JSWEL	20.289	195.333	Total	196.251	1973.808
3) VIPL	0.000	0.000	a) Mumbai Schedule	36.904	344.564
4) RPL(AMT)	31.183	296.966	b) Mumbai Drawl	39.885	374.196
5) SWPGPL	6.260	86.451	c) MSEDCL Bilateral *	88.414	763.567
6) Other IPP	21.055	232.968	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	36.904	344.564
C) 1) TPCL Thermal	13.949	145.508	Include PX	0.000	0.000
2) TPCL Hydro	3.500	30.954	Standby	0.000	0.000
3) TPCL Gas	4.278	33.927	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.302	114.271	1) MSEDCL	524.281	5224.275
D) STATE			2) Mumbai Discoms	71.911	698.852
1) Thermal	328.952	3366.774	3) Other Discoms	10.143	94.452
(A1+C1+C4+(B1-B6))			TOTAL STATE	606.335	6017.579
2) Hydro	18.344	226.809			
(A2+C2)					
3) Gas	14.174	104.182			
(A3+B7+C3)					
4) Wind	39.706	250.796			
6) SOLAR	8.911	95.214			
TOTAL STATE	410.087	4043.775			

* 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	6941	7064	6932	7056
MSPGCL Hydro	526	390	1030	314
MSPGCL Gas	407	408	400	425
MSPGCL Total Generation	7874	7862	8362	7796
Central Sector Receipt	9311	9307	6919	8034
WIND	1384	1307	2073	1480
CPP / IPP Thermal	5083	5301	5796	5629
CPP / IPP Gas	0	0	0	0
SOLAR	1257	1297	0	308
Exchange with Mumbai	-2069	-2083	-1475	-1519
MSEDCL DEMAND MET	22377	22525	21217	21307
Load Shedding	0	0	0	0
MSEDCL DEMAND	22377	22525	21217	21307
TPCL GENERATION	909	898	1119	648
AEML GENERATION	479	472	487	334
MUMBAI DEMAND	3457	3453	3081	2501
OTHER DISCOM DEMAND	463	465	458	421
STATE DEMAND MET	26298	26444	24756	24228
STATE DEMAND	26298	26444	24756	24228
Frequency (Hz)	49.91	49.94	49.88	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.16 Hz at 13.03 Hrs	49.75 Hz at 22.13 Hrs	49.97	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 10/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.25	41.36	190	160
Unit 7	0.00	0.00	0	0
Unit 8	13.44	133.33	582	538
Unit 9	9.72	119.19	546	0
Unit 10	12.90	130.97	555	520
Total	40.32	424.85		
Bhusawal				
Unit 3	3.22	31.08	155	115
Unit 4	10.44	53.16	465	350
Unit 5	9.00	86.07	420	310
Total	22.66	170.32		
Parli				
Unit 6	5.33	25.77	245	193
Unit 7	5.12	40.83	230	187
Unit 8	0.41	21.60	103	0
Total	10.86	88.20		
Chandrapur				
Unit 3	3.70	39.68	157	145
Unit 4	3.42	37.08	158	130
Unit 5	8.70	84.38	380	320
Unit 6	9.56	66.87	410	379
Unit 7	8.68	90.90	387	330
Unit 8	10.88	87.22	457	445
Unit 9	9.87	100.34	431	382
Total	54.82	506.48		
Paras				
Unit 3	0.00	38.91	0	0
Unit 4	4.29	41.37	224	79
Total	4.29	80.28		
Khaparkheda				
Unit 1	3.00	27.80	140	110
Unit 2	3.76	35.28	165	150
Unit 3	4.28	29.07	186	159
Unit 4	3.43	34.71	150	133
Unit 5	11.28	111.58	475	455
Total	25.75	238.44		
Nasik				
Unit 3	3.89	39.40	184	130
Unit 4	4.08	38.95	190	141
Unit 5	1.96	33.22	186	0
Total	9.94	111.57		
Uran				
All Units	9.90	70.26	433	396
Total	9.90	70.26		
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)	0.18	1.20	25	0
Total	0.18	1.20		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.08	40.28	390	40
Stage 4	2.81	55.49	713	0
Stage 3	1.51	21.54	160	0
Total	7.39	117.31		
Hydro				
KDPH	0.35	4.29	15	15
VTRNA	0.84	8.41	60	0
TILLARI	0.58	5.78	58	0
BHIRA T.R.	0.10	1.17	57	0
SMLHY_PTN	4.93	52.98	231	189
GHATGHAR	0.48	4.72	125	0
Total	7.27	77.34		
Wind				
Total	39.71	250.80	0	0
Total	39.71	250.80		
CPP				
APML(Mus)	57.27	675.14	0	0
JSWEL(Mus)	20.29	195.33	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.18	296.97	0	0
SWPGPL-Mus	6.26	86.45	0	0
Other(Mus)	21.06	232.97	0	0
Total	136.06	1486.86		
SOLAR				
Total	8.91	95.21	0	0
Total	8.91	95.21		
Tata				
Trombay 5	9.28	95.68	439	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.70	20.38	113	110
Trombay 7B	1.58	13.54	66	65
TATA Hydro	3.50	30.95	315	15
Trombay 8	4.67	49.83	228	131
Total	21.73	210.39		
AEMIL				
DTPS U-1&2	10.30	114.27	494	328
Total	10.30	114.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	168.64	1620.14	MSPGCL Total	193.38	1886.25
			MSPGCL Thml+Gas	178.54	1690.39	Koyna 1,2 & 4 Total	5.89	95.77
			MSPGCL Hydro	14.84	195.86	State Total	410.09	4043.78

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/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	7079	1124	422	8626	1801	5841	0	0	7948	8266	-1496	22675	0	22675	2997	363	26034	49.96
2	7057	968	424	8448	1610	5867	0	0	8168	8107	-1529	22157	0	22157	2792	347	25296	50.00
3	6996	790	422	8208	1616	5837	0	0	8224	8264	-1543	22050	0	22050	2603	332	24984	49.86
4	6967	774	413	8154	1563	5838	0	0	8314	8276	-1454	22041	0	22041	2477	336	24854	49.95
5	7061	672	414	8148	1637	5829	0	0	8290	8292	-1397	22172	0	22172	2402	336	24910	49.96
6	7135	638	424	8198	1663	5872	0	0	8175	8402	-1381	22373	0	22373	2415	380	25168	49.89
7	7178	444	424	8046	1567	5821	0	83	8238	8009	-1434	21682	0	21682	2396	411	24488	50.01
8	7056	314	425	7796	1480	5629	0	308	7818	8034	-1519	21307	0	21307	2501	421	24228	50.03
9	6945	486	413	7844	1357	5581	0	630	8018	8464	-1682	21747	0	21747	2786	446	24980	50.03
10	6743	390	411	7544	1576	5566	0	895	8863	8401	-1795	21723	0	21723	3127	465	25314	50.02
11	6743	402	410	7554	1595	5072	0	1115	9526	9486	-1988	22362	0	22362	3371	472	26206	49.94
12	6941	526	407	7874	1384	5083	0	1257	9627	9311	-2069	22377	0	22377	3457	463	26298	49.91
13	7064	390	408	7862	1307	5301	0	1297	9423	9307	-2083	22525	0	22525	3453	465	26444	49.94
14	7149	380	398	7928	1165	5518	0	1112	9054	8680	-2032	21916	0	21916	3375	455	25746	50.02
15	7213	370	396	7980	1134	5601	0	924	9321	9228	-2077	22337	0	22337	3456	452	26246	50.04
16	6855	474	397	7726	1295	5669	0	689	9117	9169	-1923	22162	0	22162	3500	462	26124	49.99
17	6845	420	399	7664	1724	5796	0	416	8717	8649	-1854	21927	0	21927	3400	468	25794	49.97
18	6678	384	399	7462	2129	5647	0	161	7857	7838	-1711	21054	0	21054	3243	472	24768	49.99
19	6770	650	420	7840	2228	5566	0	24	6942	7089	-1575	20694	0	20694	3102	478	24274	49.95
20	6932	1030	400	8362	2073	5796	0	0	6752	6919	-1475	21217	0	21217	3081	458	24756	49.88
21	7118	810	412	8340	2004	5865	0	0	6652	6680	-1474	20969	0	20969	3014	446	24428	49.97
22	7260	712	412	8384	2075	5839	0	0	6441	6559	-1435	20992	0	20992	2960	430	24382	49.95
23	7397	824	433	8654	1882	5822	0	0	7162	7391	-1439	21911	0	21911	2974	399	25284	49.96
24	7463	872	413	8748	1841	5800	0	0	7247	7430	-1520	21912	0	21912	3032	387	25332	50.01
MUs	168.65	14.84	9.90	193.38	39.71	136.06	0.00	8.91	195.89	196.25	-39.89	524.28	0.00	524.28	71.91	10.14	606.34	49.97

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 10/May/2022

Position as on 6.30 Hrs of 11/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 U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	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	Parli Unit 8	250	07/05/2022	12:25	10/05/2022	17:37	Boiler Tube Leakage	
IPP	Adani U-2	660	08/05/2022	08:48		Continued.	APH-A high vibration and gearbox abnormal sound	
IPP	SWPGPL U-3	135	09/05/2022	09:30		Continued.	due to Boiler SSC chain broken problem	
MSPGCL	Paras Unit 3	250	09/05/2022	12:29	11/05/2022	05:26	ATTEND HP BYPASS BP2 V/V HEAVY GLAND LEAKAGE .	
MSPGCL	Nasik Unit 5	210	09/05/2022	16:15	10/05/2022	10:30	Generator protection	
MSPGCL	Koradi Unit 9	660	10/05/2022	15:19	10/05/2022	18:42	Governing Value Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/May/2022

Statement-VII

Position as on 6.30 Hrs of 11/May/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 Ektuni ckt - 1 & Koradi - 3 ckt - 1 @ Akola - 2	IntraState	10/05/2022	09:26	10/05/2022	13:40	PO	Circuit Breaker SF6 gas analysis
TIE BAY - 712 OF 765/400kV ICT-2 AND BUS RECTOR @ EKTUNI	IntraState	10/05/2022	10:20	10/05/2022	14:15	PO	Diagnostic Testing of CT & Routine Maintenance
765 KV MAINBAY Outages/Trippings							
Main bay 713 of 1500MVA ICT 2 @ 765kv Ektuni	IntraState	10/05/2022	15:33	10/05/2022	18:22	PO	Diagnostic Testing of CT & Routine Maintenance
400 KV MAINBAY Outages/Trippings							
MAIN BAY (420) OF WARDHA (PG) CKT @ WARORA	IntraState	10/05/2022	09:44	10/05/2022	16:30	PO	Routine maintenance and DCRM/CRM/CB Timings Testing works and isolater maintenance work .
400 KV LINE Outages/Trippings							
KALWA - TALEGAON (PG)	InterState	11/05/2022	00:46	11/05/2022	06:26	EO	Chemical cleaning of insulators in the fog prone region loc no 1-10 (DC)
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21			HT	HT for Load Management
JAIGAD - KARAD CKT - 2	IntraState	09/05/2022	10:45			PO	BAY MAINTENANCE WORK AT MSETCL KARAD
KARAD - TALANDGE CKT - 1	IntraState	09/05/2022	19:48	10/05/2022	00:58	EO	To attend hot spot
NEW KOYNA-KARAD CKT - 1	IntraState	10/05/2022	08:35	10/05/2022	13:02	EO	B ph CT line side clamp showing hotspot
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	10/05/2022	11:29	10/05/2022	20:07	PO	Hardware Tightening & Fitting work
KHARGHAR - TALEGAON (PG)	IntraState	11/05/2022	05:37			T	DP
400 KV ICT Outages/Trippings							
400/220/33 KV 500MVA ICT - 2 @ DEEPNAGAR	IntraState	10/05/2022	07:03	10/05/2022	17:48	PO	FOR PRE-MONSOON MAINTENANCE WORK ALONG WITH DIAGNOSTIC TESTING WORK.
400 KV BUSBAR Outages/Trippings							
BUSBAR PROTECTION @ BABHALESHWAR	IntraState	10/05/2022	10:55			PO	"Permission to shift LBB protection wire from 400kV RADS & 400kV ZIV Numerical Busbar .Bus Bar protection Out, outage required 400kV RADSS & 400kV Numerical Busbar@BBLR"
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
TALANDGE - SAWANTWADI	IntraState	10/05/2022	08:15	10/05/2022	15:22	PO	Cold washing of line insulators.
PEDAMBE-KALAMBANI(TSS)	IntraState	10/05/2022	14:03	10/05/2022	15:07	EO	B phase CT oil top up work
APTA - KALWA	IntraState	10/05/2022	20:13	10/05/2022	23:18	EO	Replacement of Rusted D-Sackle at Loc. No. 587 & 639
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/May/2022

Statement-VII

Position as on 6.30 Hrs of 11/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 KV 50 MVA PTR 2 @ MAHAD	IntraState	10/05/2022	08:26	10/05/2022	17:58	PO	Premonsoon maintance work & painting work.Daignosis test work.
220/33KV 50MVA PTR 1 @ MIRAJ	IntraState	10/05/2022	10:03	10/05/2022	12:25	PO	TO check auxiliary protection & Q.M.W
220/33 KV 50MVA T/F - 2 @ MIRAJ	IntraState	10/05/2022	12:45	10/05/2022	21:25	PO	TO check auxiliary protection & Q.M.W
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-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.

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