

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/May/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.901	783.206	1) Gujrat	-4.657	-18.215
2) Hydro	27.150	114.109	2) Madhya Pradesh	10.501	42.088
3) Gas	6.941	31.481	3) Chattisgarh	4.910	21.460
Total MSPGCL	182.992	928.796	4) Maharashtra	192.292	951.778
B) 1) APLM	74.375	350.685	5) Goa (Amona)	-1.588	-8.570
2) JSWEL	21.624	91.673	Total	201.458	988.541
3) VIPL	0.000	0.000	a) Mumbai Schedule	34.108	173.199
4) RPL(AMT)	31.402	140.530	b) Mumbai Drawl	35.281	186.795
5) SWPGPL	9.413	44.700	c) MSEDCL Bilateral *	72.213	373.197
6) Other IPP	22.715	122.163	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	34.108	173.199
C) 1) TPCL Thermal	15.003	72.870	Include PX	0.000	0.000
2) TPCL Hydro	6.228	17.066	Standby	0.000	0.000
3) TPCL Gas	3.895	15.631	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.736	57.630	1) MSEDCL	525.043	2600.844
D) STATE			2) Mumbai Discoms	72.143	349.991
1) Thermal	335.169	1663.457	3) Other Discoms	9.438	46.178
(A1+C1+C4+(B1-B6))			TOTAL STATE	606.624	2997.013
2) Hydro	33.378	131.175			
(A2+C2)					
3) Gas	10.836	47.112			
(A3+B7+C3)					
4) Wind	15.662	116.966			
6) SOLAR	10.121	49.763			
TOTAL STATE	405.166	2008.473			

* 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 19 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	5957	6128	5983	6264
MSPGCL Hydro	903	1155	994	621
MSPGCL Gas	328	371	254	257
MSPGCL Total Generation	7188	7654	7231	7142
Central Sector Receipt	9213	9721	8555	7667
WIND	532	205	676	664
CPP / IPP Thermal	6198	6694	6715	6753
CPP / IPP Gas	0	0	0	0
SOLAR	1352	1160	38	326
Exchange with Mumbai	-1686	-1769	-1499	-1182
MSEDCL DEMAND MET	22380	23258	21281	20969
Load Shedding	0	0	0	0
MSEDCL DEMAND	22380	23258	21281	20969
TPCL GENERATION	1277	1277	1119	818
AEML GENERATION	494	484	489	496
MUMBAI DEMAND	3457	3530	3107	2496
OTHER DISCOM DEMAND	417	407	435	401
STATE DEMAND MET	26254	27195	24823	23866
STATE DEMAND	26254	27195	24823	23866
Frequency (Hz)	49.92	49.81	50.02	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 18:02 Hrs	49.59 Hz at 23:07 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 05/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.10	21.66	185	155
Unit 7	0.00	0.00	0	0
Unit 8	13.48	66.36	581	537
Unit 9	13.31	66.51	590	512
Unit 10	13.40	65.17	597	526
Total	44.28	219.69		
Bhusawal				
Unit 3	3.12	15.34	140	115
Unit 4	0.00	11.38	0	0
Unit 5	5.62	40.44	380	0
Total	8.74	67.16		
Parli				
Unit 6	0.00	10.99	0	0
Unit 7	4.95	16.14	230	147
Unit 8	3.26	16.31	153	125
Total	8.22	43.44		
Chandrapur				
Unit 3	4.30	20.92	183	140
Unit 4	3.89	18.93	167	137
Unit 5	8.79	43.66	380	333
Unit 6	9.42	20.37	418	355
Unit 7	9.12	45.75	395	344
Unit 8	0.06	33.62	60	0
Unit 9	9.84	50.14	445	383
Total	45.41	233.41		
Paras				
Unit 3	4.96	22.00	228	165
Unit 4	3.44	20.34	219	0
Total	8.40	42.34		
Khaparkheda				
Unit 1	2.92	14.09	145	90
Unit 2	3.69	17.84	165	140
Unit 3	0.18	15.57	124	0
Unit 4	3.54	17.30	152	143
Unit 5	11.05	54.91	480	440
Total	21.38	119.70		
Nasik				
Unit 3	4.19	19.71	186	137
Unit 4	4.23	18.75	193	145
Unit 5	4.05	19.01	198	0
Total	12.47	57.48		
Uran				
All Units	6.94	31.48	384	243
Total	6.94	31.48		
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)	0.15	0.57	48	0
Total	0.15	0.57		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.62	22.43	545	40
Stage 4	8.66	37.43	996	0
Stage 3	3.32	13.27	240	0
Total	18.59	73.12		
Hydro				
KDPH	0.36	2.54	15	15
VTRNA	0.89	4.25	60	0
TILLARI	0.58	2.92	58	0
BHIRA T.R.	0.08	0.56	57	0
SMLHY_PTN	5.51	26.92	241	211
GHATGHAR	0.99	3.23	125	0
Total	8.41	40.41		
Wind				
Total	15.66	116.97	0	0
Total	15.66	116.97		
CPP				
APML(Mus)	74.38	350.68	0	0
JSWEL(Mus)	21.62	91.67	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.40	140.53	0	0
SWPGPL-Mus	9.41	44.70	0	0
Other(Mus)	22.72	122.16	0	0
Total	159.53	749.75		
SOLAR				
Total	10.12	49.76	0	0
Total	10.12	49.76		
Tata				
Trombay 5	9.70	47.66	425	339
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	9.23	112	77
Trombay 7B	1.48	6.40	65	55
TATA Hydro	6.23	17.07	454	16
Trombay 8	5.30	25.21	236	170
Total	25.13	105.57		
AEML				
DTPS U-1&2	11.74	57.63	499	470
Total	11.74	57.63		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	148.90	783.21
MSPGCL Thml+Gas	155.84	814.69
MSPGCL Hydro	27.15	114.11

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	182.99	928.80
Koyna 1,2 & 4 Total	15.27	59.86
State Total	405.17	2008.47

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/May/2022

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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6542	1533	257	8332	780	6748	0	0	8106	8365	-1577	22298	0	22298	2980	350	25628	49.99
2	6461	1523	256	8240	742	6771	0	0	8009	8037	-1434	22032	0	22032	2780	324	25136	50.00
3	6240	1434	267	7941	719	6795	0	0	7928	8080	-1300	21944	0	21944	2604	291	24839	49.95
4	6189	1211	257	7657	723	6771	0	0	7980	8198	-1224	21833	0	21833	2471	292	24596	50.01
5	6238	899	267	7404	718	6779	0	0	8412	8501	-1203	21869	0	21869	2390	330	24589	50.02
6	6296	1362	247	7905	799	6756	0	0	8114	8116	-1167	22053	0	22053	2404	356	24813	49.99
7	6278	1234	266	7778	850	6794	0	57	7783	7694	-1144	21652	0	21652	2385	377	24414	50.04
8	6264	621	257	7142	664	6753	0	326	7672	7667	-1182	20969	0	20969	2496	401	23866	50.04
9	6164	384	277	6825	763	6533	0	671	7851	8071	-1284	21139	0	21139	2793	440	24372	50.02
10	6133	547	247	6927	828	6109	0	975	8821	8237	-1318	21323	0	21323	3099	435	24857	49.96
11	6266	654	291	7211	813	6048	0	1224	9179	8893	-1572	22192	0	22192	3348	425	25965	49.98
12	5957	903	328	7188	532	6198	0	1352	9592	9213	-1686	22380	0	22380	3457	417	26254	49.92
13	6061	775	384	7220	297	6670	0	1326	9377	9273	-1684	22696	0	22696	3458	406	26560	49.98
14	6061	809	382	7252	212	6646	0	1276	9373	9249	-1657	22584	0	22584	3415	394	26393	49.97
15	6128	1155	371	7654	205	6694	0	1160	9694	9721	-1769	23258	0	23258	3530	407	27195	49.81
16	6185	1427	383	7995	223	6716	0	891	9312	9453	-1862	22998	0	22998	3615	418	27031	49.89
17	6262	1391	363	8016	385	6729	0	560	8693	8701	-1806	22146	0	22146	3550	439	26135	49.93
18	6061	1233	325	7619	464	6715	0	265	8077	8537	-1674	21476	0	21476	3352	450	25278	49.95
19	5983	994	254	7231	676	6715	0	38	7675	8555	-1499	21281	0	21281	3107	435	24823	50.02
20	6122	1303	243	7668	754	6709	0	0	7689	7867	-1436	21131	0	21131	3059	431	24621	49.91
21	6267	1043	254	7564	855	6717	0	0	7501	7856	-1409	21156	0	21156	2974	427	24557	50.00
22	6309	1122	254	7685	836	6720	0	0	7432	7412	-1367	20879	0	20879	2906	407	24192	49.89
23	6280	1534	254	8068	951	6729	0	0	7858	8087	-1509	21927	0	21927	2952	399	25278	49.87
24	6154	2059	257	8470	873	6714	0	0	7858	7675	-1518	21828	0	21828	3018	386	25232	49.86
MUs	148.90	27.15	6.94	182.99	15.66	159.53	0.00	10.12	199.99	201.46	-35.28	525.04	0.00	525.04	72.14	9.44	606.62	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 05/May/2022

Position as on 6.30 Hrs of 06/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	Uran Unit 5	108	20/04/2022	16::27	05/05/2022	10:00	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	02/05/2022	11:00		Continued.	Boiler Tube Leakage	06/05/2022
MSPGCL	Parli Unit 6	250	03/05/2022	12:13		Continued.	Boiler Tube Leakage	06/05/2022
MSPGCL	Chandrapur Unit 8	500	03/05/2022	23:52	05/05/2022	23:37	Boiler Tube Leakage	06/05/2022
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 Malfunction	
MSPGCL	Bhusawal Unit 5	500	05/05/2022	10:58	05/05/2022	14:14	Class A protection operated	
MSPGCL	Bhusawal Unit 5	500	05/05/2022	17:17	05/05/2022	18:56	Low furnace pressure	
MSPGCL	Uran Unit 6	108	05/05/2022	17:36		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	05/05/2022	22:53		Continued.	Rotor Earth Fault	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/May/2022

Statement-VII

Position as on 6.30 Hrs of 06/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21			HT	HT for Load Management
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	05/05/2022	22:36	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	05/05/2022	16:34	T	Distance Protection
KHARGHAR - TALEGAON (PG)	IntraState	06/05/2022	01:32	06/05/2022	04:47	EO	Temporary arrangement done in tripping of line in respect of suspension clamp is to be removed and replaced at Loc No 31- R phase and chemical cleaning of Insulator string to be carried out hence Outage required on said Line
400 KV ICT Outages/Trippings							
GTR - 8 @ CHANDRAPUR SWITCHING SS	IntraState	04/05/2022	18:40	05/05/2022	13:21	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
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
CENTURI ENKA- BHOSARI	IntraState	05/05/2022	16:57	06/05/2022	00:11	PO	Due to high Tan delta values of CT replacement work as per LE Scheme
SHENDRA - CHITTEPIMPALGAON (PG) CKT - 1	IntraState	05/05/2022	23:03	06/05/2022	01:36	HT	H/T DUE TO O/D AT LOW FREQUENCY
BHUGAON - WARDHA (PG)	IntraState	05/05/2022	23:31	06/05/2022	01:37	HT	H/T DUE TO O/D AT LOW FREQUENCY
PADGHE - PAL DOMBIVALI	IntraState	06/05/2022	05:08			PO	1)Charging of 220kV 2000 sqmm. EHV cable between Loc no. 43 & 45 on 220kV Padgha - PAL line. 2)Cut - point formation on Loc No. 43 & 45 Replacement of Existing distance relay by distance cum Differential relay (SIEMENS) at 220kV Padgha S/S & 220kV Pal S/S.
220 KV ICT Outages/Trippings							

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/May/2022

Statement-VII

Position as on 6.30 Hrs of 06/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
220/22 KV 50 MVA PTR 3 @ CHAKAN	IntraState	05/05/2022	11:29	05/05/2022	19:18	PO	Routine Maintenance work and Replacement/Repairing of Faulty cooling fans.
220/22 KV 50 MVA PTR 3 @ MAHAD	IntraState	05/05/2022	11:39	05/05/2022	19:58	PO	Transformer Painting Work & Diagnosis test by Testing team K'gaon and R&M work.
220/100 KV 100 MVA ICT 2 @ TAMBATI	IntraState	06/05/2022	06:58			PO	Hot spots attending work and R&M work
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