

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/May/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.975	3838.890	1) Gujrat	-2.664	-132.663
2) Hydro	18.164	469.413	2) Madhya Pradesh	6.551	123.728
3) Gas	3.220	134.918	3) Chattisgarh	3.170	79.870
Total MSPGCL	179.359	4443.221	4) Maharashtra	156.119	4280.928
B) 1) APLM	66.254	1451.269	5) Goa (Amona)	-1.681	-30.244
2) JSWEL	14.626	421.381	Total	161.495	4321.619
3) VIPL	0.000	0.000	a) Mumbai Schedule	38.828	809.807
4) RPL(AMT)	17.780	576.735	b) Mumbai Drawl	44.873	867.740
5) SWPGPL	8.991	190.912	c) MSEDCL Bilateral *	99.524	1736.535
6) Other IPP	16.581	466.233	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	38.828	809.687
C) 1) TPCL Thermal	13.205	331.919	Include PX	0.000	0.000
2) TPCL Hydro	4.250	93.847	Standby	0.000	0.121
3) TPCL Gas	0.000	55.388	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.462	256.830	1) MSEDCL	479.770	11710.700
D) STATE			2) Mumbai Discoms	72.789	1605.708
1) Thermal	305.874	7534.169	3) Other Discoms	9.723	216.701
(A1+C1+C4+(B1-B6))			TOTAL STATE	562.282	13533.109
2) Hydro (A2+C2)	22.414	563.260			
3) Gas (A3+B7+C3)	3.220	190.306			
4) Wind	58.615	716.546			
6) SOLAR	10.665	207.225			
TOTAL STATE	400.788	9211.506			

* 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 4 Hrs
MSPGCL Thermal	6027	6882	6828	6573
MSPGCL Hydro	758	299	1540	358
MSPGCL Gas	120	140	130	150
MSPGCL Total Generation	6905	7321	8498	7081
Central Sector Receipt	8622	7291	5842	6386
WIND	2084	2573	2637	2325
CPP / IPP Thermal	4203	5601	5656	5128
CPP / IPP Gas	0	0	0	0
SOLAR	1388	937	28	0
Exchange with Mumbai	-2317	-2190	-1746	-1488
MSEDCL DEMAND MET	20445	21070	20470	19128
Load Shedding	0	0	0	0
MSEDCL DEMAND	20445	21070	20470	19128
TPCL GENERATION	674	901	921	635
AEML GENERATION	472	481	463	355
MUMBAI DEMAND	3463	3572	3130	2478
OTHER DISCOM DEMAND	440	463	445	304
STATE DEMAND MET	24348	25105	24045	21910
STATE DEMAND	24348	25105	24045	21910
Frequency (Hz)	50.03	49.99	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.35 Hz at 09.07 Hrs	49.75 Hz at 14.30 Hrs	50.04	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 23/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.70	90.06	160	145
Unit 7	0.00	0.00	0	0
Unit 8	13.94	305.57	605	547
Unit 9	13.02	281.98	578	518
Unit 10	9.86	292.68	560	0
Total	40.52	970.29		
Bhusawal				
Unit 3	3.06	72.02	140	115
Unit 4	9.37	178.97	425	280
Unit 5	9.24	202.94	450	275
Total	21.68	453.94		
Parli				
Unit 6	0.00	68.21	0	0
Unit 7	4.08	91.47	223	140
Unit 8	3.14	61.03	135	122
Total	7.21	220.70		
Chandrapur				
Unit 3	4.04	85.85	179	135
Unit 4	3.41	79.85	149	120
Unit 5	2.48	189.08	355	0
Unit 6	8.79	184.12	390	280
Unit 7	8.98	206.54	415	300
Unit 8	10.84	228.34	460	436
Unit 9	10.43	230.57	442	422
Total	48.97	1204.35		
Paras				
Unit 3	4.00	95.39	233	121
Unit 4	4.40	100.99	217	136
Total	8.40	196.39		
Khaparkheda				
Unit 1	3.10	67.90	140	115
Unit 2	3.51	81.03	160	120
Unit 3	3.97	81.22	180	127
Unit 4	3.24	72.98	140	127
Unit 5	10.83	252.23	475	320
Total	24.66	555.36		
Nasik				
Unit 3	0.00	79.46	0	0
Unit 4	3.46	78.61	160	134
Unit 5	3.08	79.80	159	108
Total	6.54	237.87		
Uran				
All Units	3.22	134.92	150	120
Total	3.22	134.92		
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)	0.04	2.61	25	0
Total	0.04	2.61		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.46	98.60	450	40
Stage 4	5.77	143.41	1002	0
Stage 3	1.56	53.38	296	0
Total	11.79	295.38		
Hydro				
KDPH	0.62	12.14	26	26
VTRNA	0.00	17.34	0	0
TILLARI	0.00	8.24	0	0
BHIRA T.R.	0.14	4.40	70	0
SMLHY_PTN	4.99	120.61	226	201
GHATGHAR	0.58	8.69	125	0
Total	6.33	171.42		
Wind				
Total	58.62	716.55	0	0
Total	58.62	716.55		
CPP				
APML(Mus)	66.25	1451.27	0	0
JSWEL(Mus)	14.63	421.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	17.78	576.74	0	0
SWPGPL-Mus	8.99	190.91	0	0
Other(Mus)	16.58	466.23	0	0
Total	124.23	3106.53		
SOLAR				
Total	10.66	207.22	0	0
Total	10.66	207.22		
Tata				
Trombay 5	8.40	216.36	439	259
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	34.32	0	0
Trombay 7B	0.00	21.07	0	0
TATA Hydro	4.25	93.85	294	57
Trombay 8	4.80	115.56	235	137
Total	17.46	481.15		
AEML				
DTPS U-1&2	10.46	256.83	492	312
Total	10.46	256.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.98	3838.89	MSPGCL Total	179.36	4443.22
			MSPGCL Thml+Gas	161.20	3973.81	Koyna 1,2 & 4 Total	10.23	242.00
			MSPGCL Hydro	18.16	469.41	State Total	400.79	9211.51

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	6492	267	140	6899	2939	5222	0	0	6260	6388	-1624	19480	0	19480	2950	344	22774	50.03
2	6504	338	140	6982	2745	5007	0	0	6394	6377	-1610	19178	0	19178	2768	323	22269	49.98
3	6512	340	130	6982	2490	5296	0	0	6201	6159	-1535	19079	0	19079	2597	313	21989	50.02
4	6573	358	150	7081	2325	5128	0	0	6155	6386	-1488	19128	0	19128	2478	304	21910	50.01
5	6684	564	130	7378	2259	5168	0	0	6160	6369	-1491	19345	0	19345	2409	338	22092	50.01
6	6740	716	140	7596	2134	5404	0	1	6099	6355	-1473	19677	0	19677	2419	340	22436	50.06
7	6754	1023	140	7917	1918	5251	0	100	6185	6393	-1512	19687	0	19687	2382	380	22449	50.07
8	6521	1182	140	7843	1840	4850	0	396	6388	6682	-1593	19614	0	19614	2502	404	22520	50.16
9	6429	413	140	6982	2303	5053	0	758	6883	6796	-1813	19648	0	19648	2832	431	22911	50.26
10	5959	362	130	6451	2449	4637	0	991	7385	7614	-2015	19693	0	19693	3175	434	23302	50.21
11	5811	424	140	6375	2212	4035	0	1251	7986	8413	-2306	19543	0	19543	3386	437	23366	50.06
12	6027	758	120	6905	2084	4203	0	1388	8251	8622	-2317	20445	0	20445	3463	440	24348	50.03
13	6108	732	140	6980	2269	4518	0	1402	8043	8269	-2297	20717	0	20717	3492	424	24633	50.03
14	6398	473	130	7001	2209	4758	0	1334	7833	7735	-2208	20410	0	20410	3422	419	24251	49.98
15	6731	357	120	7208	2409	5042	0	1159	7845	7640	-2160	20874	0	20874	3519	424	24817	49.90
16	6882	299	140	7321	2573	5601	0	937	7531	7291	-2190	21070	0	21070	3572	463	25105	49.99
17	6916	292	130	7338	2816	5707	0	622	7109	6747	-2206	20562	0	20562	3493	462	24517	50.01
18	6849	333	130	7312	3097	5549	0	254	6570	6460	-1951	20254	0	20254	3358	467	24079	49.95
19	6837	612	130	7579	2786	5618	0	44	5709	5742	-1779	19527	0	19527	3182	463	23172	50.05
20	6828	1540	130	8498	2637	5656	0	28	5517	5842	-1746	20470	0	20470	3130	445	24045	50.03
21	6837	1683	120	8640	2534	5625	0	0	5518	5675	-1736	20304	0	20304	3091	434	23829	50.03
22	6888	1408	140	8436	2456	5617	0	0	5702	5740	-1868	19948	0	19948	3036	433	23417	50.00
23	6855	1744	130	8729	2529	5667	0	0	5891	6030	-1949	20600	0	20600	3037	406	24043	50.02
24	6840	1946	140	8926	2602	5620	0	0	5941	5770	-2006	20518	0	20518	3097	394	24009	50.03
MUs	157.97	18.16	3.22	179.36	58.61	124.23	0.00	10.66	159.56	161.50	-44.87	479.77	0.00	479.77	72.79	9.72	562.28	50.04

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 23/May/2022

Position as on 6.30 Hrs of 24/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	15/06/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	11/05/2022	21:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
MSPGCL	Uran Unit B0	120	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
MSPGCL	Uran Unit 5	108	16/05/2022	12:59		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	16/05/2022	23:53		Continued.	Coal Shortage	
TPC-G	Trombay 7B	60	16/05/2022	23:59		Continued.	Non availability of APM gas.	
MSPGCL	Parli Unit 6	250	19/05/2022	20:00		Continued.	Boiler Tube Leakage	23/05/2022
TPC-G	Trombay 7A	120	21/05/2022	01:26		Continued.	Gas shortage	
MSPGCL	Nasik Unit 3	210	21/05/2022	17:14		Continued.	Boiler Tube Leakage	24/05/2022
MSPGCL	Koradi Unit-10	660	22/05/2022	21:53	23/05/2022	02:20	for emergency outage of GT-10main bay 401 & tie bay 402 for attending hot spot.	
MSPGCL	Chandrapur Unit 5	500	23/05/2022	07:45		Continued.	Boiler Tube Leakage	26/05/2022
IPP	RPL(AMT) U-3	270	24/05/2022	02:23		Continued.	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/May/2022

Statement-VII

Position as on 6.30 Hrs of 24/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							
GTR - 5 @ CHANDRAPUR SS	IntraState	23/05/2022	14:15	23/05/2022	20:34	EO	"1. Measurement of Tan Delta and capacitance of R, Y & B-ph CTs which are due for this year. 2.To attend the defects of aux. contacts of Isolators. 3.Maintenance and alignments of Isolators."
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 2	InterState	23/05/2022	09:01	23/05/2022	19:58	PO	Replacement of damaged earthwire, replacement of PID suspicious disc insulator strings and other routine maintenance work.400kv SSNNL Ckt-1 A/R switch will be kept on non auto mode.
PADGHE - TARAPUR CKT - 1	InterState	23/05/2022	09:06			PO	CB, ES, DS, LA, CT, LA, WT, CVT Annual PM
NAGOTHANE - DABHOL CKT - 1	IntraState	22/05/2022	19:02	23/05/2022	00:30	EO	Fixing of missing Insulators strings of B.Ph. At loc.no. 84
KARAD - LONIKAND I	IntraState	23/05/2022	15:27	23/05/2022	17:01	HT	To control line loading of Talegaon -Kharghare-Kalwa
BABLESHWAR- AURANGABAD (WALUJ)	IntraState	23/05/2022	21:23	24/05/2022	00:58	EO	Attending Red Hot Spot on 29 D, Centre break isolator B phase
400 KV ICT Outages/Trippings							
400/220/33 KV 315MVA ICT - 1 @ AKOLA	IntraState	23/05/2022	07:28	23/05/2022	17:37	PO	Routine maintenance & testing work
400/220KV 315 MVA ICT - 1 @ NEW KOYNA	IntraState	23/05/2022	08:17	23/05/2022	17:25	PO	For RTV coating to Tertiary 33 kv connection & Pre-Monsoon maintenance work
400/220/33 KV 500 MVA ICT - 3 @ KOLHAPUR	IntraState	23/05/2022	17:58	23/05/2022	18:40	EO	To attend Hot spot at jack Bus above 220kv Main Bus 2
220 KV TBC Outages/Trippings							
TBC @ GHODBUNDER	IntraState	23/05/2022	08:45	23/05/2022	18:06	PO	For safety purpose during outage of 100 MVA TR-2
220 KV MAINBAY Outages/Trippings							
METERING BAY (CONSUMER) - 2 @ SERUM	IntraState	23/05/2022	16:05			EO	Replacement of 06 Nos. of 75/1 A CT to New 100/1 A CT
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.
BORIVALI - TARAPUR	IntraState	18/05/2022	14:36			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.
BUS SECTION-4 @ TEMGHAR	IntraState	20/05/2022	07:23			EO	For closing 220kv Bus section 3 isolator
VSNL - STT GIS CKT - 1	IntraState	20/05/2022	11:01	23/05/2022	13:02	PO	Addition of New 02 Nos of GIS T/F Bay to existing 220kv Bus 1 at 220KV STT GIS Substation end.
BOMBAY DYEING - SAHARA	IntraState	23/05/2022	05:03	23/05/2022	17:09	T	TRIPPED ON DIST.PROTECTION
EKLAHARA(OCR)-RAYMOND	IntraState	23/05/2022	07:33	23/05/2022	09:12	EO	Attending red hot on R ph wave trap bottom side
MIRAJ - ICHALKARANJJI	IntraState	23/05/2022	09:07	23/05/2022	12:38	PO	1) Hot spot attending work
CHINCHWAD- PARVATI	IntraState	23/05/2022	09:32	23/05/2022	18:09	PO	Replacement of R, Y & B ph CT due to higher Tandelta values

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/May/2022

Statement-VII

Position as on 6.30 Hrs of 24/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
MAIN BUS-1 @ TALANDGE(5* MIDC KAGAL)	IntraState	23/05/2022	10:00	23/05/2022	14:53	PO	For shifting of 220KV Bus A load(TF1 and Talandage ckt-II) on 220KV Bus B as augmentation of 220/33KV,50MVA transformer in in process at 220 kV Five Star MIDC S/Stn.
OSMANABAD - SOLAPUR (BALE)	IntraState	23/05/2022	10:28	23/05/2022	14:56	PO	Conductor Mid span joint work at location No. 86-87 R phase, DI replacement 91 B phase
TALANDGE - MUDSHINGI CKT - 1	IntraState	23/05/2022	11:53	23/05/2022	18:53	PO	For stringing of earth wire between tower location no. M/C-18 to M/C-18 .
MUDSHINGI - CHIKODI	IntraState	23/05/2022	12:05	23/05/2022	19:11	PO	Earth wire stringing work at T.L. no. M/C-16 to M/C-18.
TROMBAY - KALWA	IntraState	23/05/2022	17:53	23/05/2022	18:50	EO	R-ph CC to LMU cable broken. Need to be connected immediately otherwise it will result in damage to CC.
MAIN BUS - 2 @ TALANDGE	IntraState	23/05/2022	17:58	23/05/2022	22:49	EO	To attend Hot spot at ICT-3 above Main Bus 2
EKLAHARE (OCR) - PADGHE	IntraState	23/05/2022	19:44	23/05/2022	22:07	HT	For load management
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 1 @ MALEGAON	IntraState	23/05/2022	08:34	23/05/2022	10:32	PO	Pre monsoon maintenance work.
220/33kV 100 MVA TF 2 @ GHODBUNDER	IntraState	23/05/2022	08:40	23/05/2022	17:53	PO	Annual/premonsoon maintenance
220/110 kV 200 MVA ICT 1 @ MUDSHINGI	IntraState	23/05/2022	09:00	23/05/2022	18:40	PO	For 1)Transformer diagnostic testing work 2) Premansoon maintenance of ICT (3) Quarterly main work
220/33kV 125 MVA TF 2 @ AAREY	IntraState	23/05/2022	10:25	23/05/2022	12:10	PO	Premonsoon maintenance of Transformer, NGT and Bay Equipments
220/132kV 200MVA ICT-2 @ KOPARGAON	IntraState	23/05/2022	11:16			PO	For Pre-monsoon Maintenance work and testing work
220/132 KV 200 MVA ICT 2 @ MALEGAON	IntraState	23/05/2022	13:02	23/05/2022	14:56	PO	Pre monsoon maintenance 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.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/May/2022

Statement-VII

Position as on 6.30 Hrs of 24/May/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