

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/May/2023 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	182.103	2414.006	1) Gujrat	-2.737	-55.975
2) Hydro	11.787	278.320	2) Madhya Pradesh	5.067	101.577
3) Gas	5.630	87.031	3) Chattisgarh	4.220	82.380
Total MSPGCL	199.520	2779.357	4) Maharashtra	203.397	3042.869
B) 1) APLM	56.555	731.481	5) Goa (Amona)	-1.293	-18.748
2) JSWEL	22.082	308.460	Total	208.654	3152.103
3) VIPL	0.000	0.000	a) Mumbai Schedule	39.834	579.689
4) RPL(AMT)	25.429	372.597	b) Mumbai Drawl	46.598	641.576
5) SWPGPL	10.638	143.436	c) MSEDCL Bilateral *	104.881	1439.578
6) Other IPP	9.313	170.392	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	39.834	579.689
C) 1) TPCL Thermal	10.934	166.686	Include PX	0.000	0.000
2) TPCL Hydro	5.908	58.997	Standby	0.000	0.000
3) TPCL Gas	3.102	39.443	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.841	148.602	1) MSEDCL	526.419	7333.761
D) STATE			2) Mumbai Discoms	76.383	1055.304
1) Thermal	326.895	4455.660	3) Other Discoms	10.705	155.154
(A1+C1+C4+(B1-B6))			TOTAL STATE	613.507	8544.219
2) Hydro	17.695	337.317			
(A2+C2)					
3) Gas	8.732	126.474			
(A3+B7+C3)					
4) Wind	33.934	241.434			
6) SOLAR	17.597	231.231			
TOTAL STATE	404.853	5392.116			

* 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 20 Hrs	D. Night Minimum at 7 Hrs
MSPGCL Thermal	7367	7660	7771	7775
MSPGCL Hydro	423	369	1119	230
MSPGCL Gas	218	212	235	251
MSPGCL Total Generation	8008	8241	9125	8256
Central Sector Receipt	9796	9206	8080	8167
WIND	962	1698	1113	1428
CPP / IPP Thermal	4402	4840	6078	5078
CPP / IPP Gas	0	0	0	0
SOLAR	2266	1936	0	151
Exchange with Mumbai	-2391	-2345	-1897	-1614
MSEDCL DEMAND MET	22549	23098	22021	21026
Load Shedding	0	0	0	0
MSEDCL DEMAND	22549	23098	22021	21026
TPCL GENERATION	774	901	976	569
AEML GENERATION	501	479	415	305
MUMBAI DEMAND	3666	3725	3288	2488
OTHER DISCOM DEMAND	494	479	478	439
STATE DEMAND MET	26709	27301	25787	23954
STATE DEMAND	26709	27301	25787	23954
Frequency (Hz)	49.94	50.02	49.95	50.07

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.31 Hz at 15:35 Hrs	49.46 Hz at 11:52 Hrs	50.01	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 15/May/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.00	65.26	175	160
Unit 8	12.23	150.28	530	492
Unit 9	12.93	187.84	575	508
Unit 10	12.61	112.37	555	476
Total	41.77	515.75		
Bhusawal				
Unit 3	3.13	49.98	160	115
Unit 4	10.06	108.94	460	365
Unit 5	10.44	153.43	485	325
Total	23.62	312.35		
Parli				
Unit 6	4.78	77.76	248	110
Unit 7	4.80	54.00	234	151
Unit 8	4.82	70.30	231	147
Total	14.39	202.06		
Chandrapur				
Unit 3	3.66	54.36	165	130
Unit 4	3.68	43.83	161	129
Unit 5	9.05	106.90	410	290
Unit 6	9.35	135.77	415	315
Unit 7	9.73	135.18	432	343
Unit 8	11.55	129.52	496	455
Unit 9	11.43	160.41	500	447
Total	58.45	765.97		
Paras				
Unit 3	5.08	70.47	219	192
Unit 4	5.46	72.90	237	221
Total	10.54	143.37		
Khaparkheda				
Unit 1	3.03	45.32	135	110
Unit 2	2.83	45.17	135	95
Unit 3	3.97	58.16	188	127
Unit 4	4.15	62.71	196	129
Unit 5	11.51	147.04	500	453
Total	25.48	358.41		
Nasik				
Unit 3	3.85	7.49	169	138
Unit 4	4.00	60.18	182	126
Unit 5	0.00	48.42	0	0
Total	7.85	116.09		
Uran				
All Units	5.63	87.03	255	212
Total	5.63	87.03		
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)	0.01	0.15	12	0
Total	0.01	0.15		
Koyna				
Stage 1-2	3.02	59.93	505	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	3.48	119.30	760	0
Stage 3	1.24	39.56	298	0
Total	7.74	218.79		
Hydro				
KDPH	0.65	10.50	27	27
VTRNA	1.09	14.85	60	0
TILLARI	0.00	0.23	0	0
BHIRA T.R.	0.34	3.18	80	0
SMLHY_PTN	1.96	30.62	105	9
GHATGHAR	0.00	0.00	0	0
Total	4.04	59.38		
Wind				
Total	33.93	241.43	0	0
Total	33.93	241.43		
CPP				
APML(Mus)	56.56	731.48	0	0
JSWEL(Mus)	22.08	308.46	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.43	372.60	0	0
SWPGPL-Mus	10.64	143.44	0	0
Dhariwal	0.00	16.14	0	0
IEPL	5.15	74.26	270	178
Other(Mus)	4.16	79.99	0	0
Total	124.02	1726.37		
SOLAR				
Total	17.60	231.23	0	0
Total	17.60	231.23		
Tata				
Trombay 5	7.18	108.86	408	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.85	22.73	108	42
Trombay 7B	1.25	16.71	64	38
TATA Hydro	5.91	59.00	429	86
Trombay 8	3.76	57.82	230	128
Total	19.94	265.13		
AEML				
DTPS U-1&2	9.84	148.60	501	305
Total	9.84	148.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	182.10	2414.01	MSPGCL Total	199.52	2779.36
			MSPGCL Thml+Gas	187.73	2501.04	Koyna 1,2 & 4 Total	6.50	179.23
			MSPGCL Hydro	11.79	278.32	State Total	404.85	5392.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/May/2023

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	Load Shedding		MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS						Planned	Trans mission Constr aint					
1	7736	216	245	8197	1899	6030	0	0	8164	8155	-1770	22111	0	0	22111	3071	400	25582	50.10
2	7784	216	246	8246	1935	5768	0	0	8120	8022	-1700	21910	0	0	21910	2879	361	25150	50.01
3	7789	215	246	8250	1937	5362	0	0	8038	8053	-1605	21659	0	0	21659	2705	338	24702	49.96
4	7817	214	246	8277	1824	4869	0	0	8160	7974	-1544	21060	0	0	21060	2569	340	23969	49.99
5	7836	249	246	8331	1819	4860	0	0	8308	8571	-1491	21727	0	0	21727	2498	363	24588	49.98
6	7874	231	248	8353	1578	5167	0	1	8628	8231	-1537	21393	0	0	21393	2505	400	24298	50.02
7	7775	230	251	8256	1428	5078	0	151	8712	8167	-1614	21026	0	0	21026	2488	439	23954	50.07
8	7259	519	252	8030	1232	4413	0	640	8571	8775	-1722	20915	0	0	20915	2623	453	23991	50.03
9	7298	319	255	7872	1153	4426	0	1292	8868	8842	-1937	21179	0	0	21179	2948	469	24596	50.01
10	7277	430	235	7942	1039	4390	0	1788	9269	9450	-2092	22031	0	0	22031	3310	487	25827	49.99
11	6948	581	226	7755	1002	4387	0	2137	9840	9948	-2326	22389	0	0	22389	3570	513	26473	49.96
12	7367	423	218	8008	962	4402	0	2266	10039	9796	-2391	22549	0	11	22549	3666	494	26709	49.94
13	7341	316	212	7869	1203	4450	0	2224	9687	9714	-2336	22635	0	12	22635	3684	489	26808	49.83
14	7204	173	213	7590	1372	4370	0	2204	8665	9309	-2214	22167	0	28	22167	3621	463	26252	50.00
15	7660	369	212	8241	1698	4840	0	1936	8673	9206	-2345	23098	0	104	23098	3725	479	27301	50.02
16	7673	199	212	8084	1556	5066	0	1518	9640	9366	-2438	22669	0	98	22669	3795	483	26947	50.16
17	7449	161	216	7826	1518	4764	0	997	9938	9818	-2461	21957	0	66	21957	3701	505	26163	50.03
18	7758	248	220	8226	1433	5107	0	398	9343	9237	-2129	21788	0	0	21788	3543	484	25815	50.06
19	7737	600	224	8561	1283	5280	0	45	8680	8613	-1966	21331	0	0	21331	3355	485	25171	50.11
20	7771	1119	235	9125	1113	6078	0	0	8201	8080	-1897	22021	0	0	22021	3288	478	25787	49.95
21	7698	926	238	8862	1205	6260	0	0	7973	7940	-1818	21979	0	0	21979	3217	470	25666	50.00
22	7712	721	241	8674	1268	6245	0	0	7715	7805	-1769	21768	0	0	21768	3153	455	25376	50.01
23	7671	1384	245	9300	1226	6194	0	0	7787	7934	-1821	22396	0	0	22396	3192	437	26025	50.00
24	7669	1728	248	9645	1251	6211	0	0	7557	7648	-1675	22659	0	0	22659	3277	420	26357	50.00
MUs	182.10	11.79	5.63	199.52	33.93	124.02	0.00	17.60	208.58	208.65	-46.60	526.42	0.00	0.32	526.42	76.38	10.71	613.51	50.01

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

1)ELR carried out at 220kV GCR S/S due to overloading of 220kV BBLR line 1&2.2)UFR operated at various Satana & Malegaon,132kV kalwan.3)ELR at 132kV Dindori due to overloading.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/May/2023

Position as on 6.30 Hrs of 16/May/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
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	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.	01/04/2024
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.	01/05/2024
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	31/07/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	30/05/2023
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Material replacement work.	01/03/2024
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	01/06/2023
IPP	RPL(AMT) U-4	270	01/05/2023	15:30		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	10/05/2023	02:00		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	13/05/2023	22:53		Continued.	ID Fan Problem	
MSPGCL	Parli Unit 6	250	15/05/2023	23:43		Continued.	Boiler Tube Leakage	18/05/2023

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2023

Statement-VII

Position as on 6.30 Hrs of 16/May/2023

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 KORADI 3 CKT - 2 & BUS REACTOR @ TIRORA	IntraState	13/05/2023	11:41			PO	For bay(705-52) breaker SF6 gas leakage attending work.
400 KV TIEBAY Outages/Trippings							
400KV TIE BAY 419 STN T/F 3	InterState	16/05/2023	06:21			PO	ST-3 Tie bay following work to be carried out:- 1. total 3 nos. bay CT testing work. 2. ST-3 tie bay relay testing work 3.ST-3 tie breaker testing work(DCRM , CRM and timing testing) 4.ST-3 Tie bay isolator
TIE BAY (412) of THAPTITANDA @ DEEPNAGAR	IntraState	15/05/2023	10:53			PO	For servicing & overhauling of 400kv AREVA make THAPTITANDA Line Tie C.B. Mechanism
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 419 STN TF 3	InterState	16/05/2023	06:21			PO	ST-3 (419bay) following work to be carried out 1. all three poles circuit breakers maintenance and testing work(DCRM,timing and CRM testing) 2. 3 nos. Bay CT tan testing work 3. 419 Bay protection relay testing work
400 KV LINE Outages/Trippings							
TALANDGE - KOLHAPUR (PG) CKT - 2	InterState	20/03/2023	07:49			PO	For reconductoring of Moose conductor with HTLS conductor for sytem improvement. AR to be kept in non Auto mode for 400KV-KOLHAPUR-MS-KOLHAPUR GIS -1
CHANDRAPUR - BHADRAVATI CKT - 1	InterState	16/05/2023	07:42			PO	Group Relay (Self-resetting) retrofitting works at GCR end. Line TLM Works.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	03/04/2023	11:30			HT	H/T TO CONTROL LINE LOADING OF PUNE PG
KHADKA - BABLESHWAR	IntraState	15/05/2023	06:05	15/05/2023	09:02	PO	for string replacement work
LONIKAND I - KOYNA STAGE-IV	IntraState	15/05/2023	08:58			PO	400kv CB O/H work by shifting on TBC
AKOLA-NANDGAONPETH (RPL-AMT)	IntraState	15/05/2023	09:34	15/05/2023	18:33	PO	String replacement work on 400 kv Akola- Nandgaonpeth Line will be carried out by engaging agency which are detected punctured in PID testing.
220 KV CHANDRAPUR GCR - CHANDRAPUR 2 CKT	IntraState	15/05/2023	15:42	15/05/2023	16:01	T	Distance protection operated
AKOLA-NANDGAONPETH (RPL-AMT)	IntraState	16/05/2023	06:38			PO	String replacement work on 400 kv Akola- Nandgaonpeth Line will be carried out by engaging agency which are detected punctured in PID testing.
400 KV ICT Outages/Trippings							
STATION TF No 3 @ CHANDRAPUR GCR	IntraState	01/03/2023	15:07			PO	1) Oil filtration work 2) Testing of Station transformer 3) Preventive maintenance work.
400/220KV 500MVA ICT 3 @ AKOLA	IntraState	25/04/2023	10:41			PO	For termination of power cable
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	15/05/2023	11:46	15/05/2023	15:54	PO	Premonsoon maintenance and relay testing work

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2023

Statement-VII

Position as on 6.30 Hrs of 16/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
STATION TRANSFORMER - 3 @ NANDGAON PETH	IntraState	16/05/2023	06:21			PO	ST-3 transformer oil leakage arresting, maintenance , diagnostic testing, Metering CT and CVT testing and ST-3 transformer protection relay testing work. ST-3 transformer painting work.
220 KV TBC Outages/Trippings							
BUS COUPLER @ MULUND	IntraState	04/05/2023	12:39			EO	1) CB Dew Point test of 220 KV Bus Coupler which is found very Low. 2) The 220 KV Bus Coupler is already in OFF condition. Permission is required to open Both isolators. 3) Due to Low value of dew point values, the breaker pole may burst, hence CB kept out of service and now same is proposed to be attended.
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	10/02/2023	09:45			PO	Breaker overhauling work. (RFC AT 21:23 HRS DT.10/02/2023 AND KEPT OPENED FOR LOAD MANAGEMENT)
EKLAHARE (OCR) - PADGHE	IntraState	05/03/2023	08:55			HT	For load management
PARLI (OLD GCR) - PARLI (PG) CKT 2	IntraState	15/05/2023	07:26	15/05/2023	13:50	EO	Jumper dislocated from suspension clamp of R ph Loc 2 (LILLO)
TALANDGE - SAWANTWADI	IntraState	15/05/2023	08:52	15/05/2023	19:32	PO	Cold washing of insulators.
KORADI-AMBAZARI-II	IntraState	15/05/2023	09:14	15/05/2023	15:52	PO	For yearly diagnostic testing of CB, CCS, CTS at 220KV Ambazari S/s.
KARAD -MUDSHINGI CKT 2-TAK	IntraState	15/05/2023	10:04	15/05/2023	11:45	PO	For attending hot spot at 29B B ph Isolator palm toward bus side.Temp-105 degree
PALGHAR - PANCHALI TSS	IntraState	16/05/2023	02:10	16/05/2023	05:21	PO	For replacement of heavily rusted old Disc insulator string with porcelain long rod insulator at location no.12,13,15 & 16.
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 / 110 / 22kv 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Noise from ICT
220/132KV 100MVA PTR 2 @ KHAREPATAN	IntraState	15/05/2023	08:08	15/05/2023	17:07	PO	Testing & replacement of new air cell of Main conservator tank.
220/33 KV 50 MVA BBL PTR 2 @ MUDSHINGI	IntraState	15/05/2023	09:12	15/05/2023	18:00	PO	1) Quarterly maintenance work 2) CB testing work 3) to attend hot spot
220/33 KV 100 MVA PTR 2	IntraState	15/05/2023	09:46	15/05/2023	19:27	PO	Replacement work of Y Ph CT
220/132 KV 200 MVA ICT 2 @ AMALNER	IntraState	15/05/2023	18:26	15/05/2023	19:34	EO	Emergency Outage to attend the red hot on ICT-2 LV R-ph main bus isolator CB side 160 degree.
132 KV LINE Outages/Trippings							
RISOD-YELDARI	IntraState	20/04/2023	17:57			HT	TO CONTROL LOADING ON RISOD - MALEGAON CKT
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
WAGHIVALI - MANKHURD	IntraState	15/05/2023	06:14	15/05/2023	06:55	PO	REMOVAL OF BIRD NEST

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2023

Statement-VII

Position as on 6.30 Hrs of 16/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BHIRA (T) - KHOPOLI 2	IntraState	15/05/2023	06:20	15/05/2023	11:07	PO	Project Work - Augmentation of OPGW communication link from 6 Core to 48 Core of Bhira Karanjade Link
KALYAN KALWA SALSETTE 2	IntraState	15/05/2023	11:28	15/05/2023	14:13	PO	REMOVAL OF BIRD NEST
KALYAN KALWA SALSETTE 1	IntraState	15/05/2023	16:06	15/05/2023	17:58	PO	BIRD NEST REMOVAL
BHIRA (T) - KHOPOLI 2	IntraState	16/05/2023	05:31			PO	Project Work - Augmentation of OPGW communication link from 6 Core to 48 Core of Bhira Karanjade Link

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