

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jun/2023 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.657	4147.548	1) Gujrat	-4.816	-52.329
2) Hydro	7.241	307.346	2) Madhya Pradesh	4.483	157.220
3) Gas	0.000	114.922	3) Chattisgarh	2.610	77.970
Total MSPGCL	153.898	4569.816	4) Maharashtra	172.775	5402.984
B) 1) APLM	57.786	1733.837	5) Goa (Amona)	-1.190	-35.025
2) JSWEL	20.014	609.823	Total	173.862	5550.820
3) VIPL	0.000	0.000	a) Mumbai Schedule	40.416	1113.997
4) RPL(AMT)	24.653	690.702	b) Mumbai Drawl	41.630	1216.598
5) SWPGPL	10.454	274.179	c) MSEDCL Bilateral *	84.002	3140.087
6) Other IPP	6.036	149.373	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	40.416	1113.498
C) 1) TPCL Thermal	11.044	317.502	Include PX	0.000	0.000
2) TPCL Hydro	3.157	132.694	Standby	0.000	0.499
3) TPCL Gas	2.323	48.117	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.398	241.919	1) MSEDCL	446.880	13441.954
D) STATE			2) Mumbai Discoms	66.552	1956.830
1) Thermal	285.042	8164.883	3) Other Discoms	10.119	274.830
(A1+C1+C4+(B1-B6))			TOTAL STATE	523.551	15673.614
2) Hydro (A2+C2)	10.398	440.040			
3) Gas (A3+B7+C3)	2.323	163.039			
4) Wind	44.648	961.208			
6) SOLAR	7.278	393.624			
TOTAL STATE	349.689	10122.794			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5839	5762	6493	6350
MSPGCL Hydro	219	161	605	277
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	6058	5923	7098	6627
Central Sector Receipt	9254	8371	6567	5917
WIND	2180	2413	1797	1475
CPP / IPP Thermal	4488	4284	5994	4965
CPP / IPP Gas	0	0	0	0
SOLAR	813	562	0	0
Exchange with Mumbai	-2384	-2303	-1743	-981
MSEDCL DEMAND MET	19954	18809	19240	17687
Load Shedding	0	0	0	0
MSEDCL DEMAND	19954	18809	19240	17687
TPCL GENERATION	606	594	862	732
AEML GENERATION	288	310	339	387
MUMBAI DEMAND	3278	3207	2944	2100
OTHER DISCOM DEMAND	455	441	473	316
STATE DEMAND MET	23687	22457	22657	20103
STATE DEMAND	23687	22457	22657	20103
Frequency (Hz)	50.07	50.00	49.92	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 13.04 Hrs	49.67 Hz at 14.28 Hrs	50	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 26/Jun/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.58	117.56	170	130
Unit 8	12.68	281.60	565	371
Unit 9	11.71	260.82	515	371
Unit 10	10.84	330.40	535	385
Total	38.81	990.39		
Bhusawal				
Unit 3	3.15	65.98	150	120
Unit 4	9.25	264.88	430	280
Unit 5	10.16	282.71	485	285
Total	22.56	613.58		
Parli				
Unit 6	3.31	115.25	188	111
Unit 7	3.86	119.66	223	144
Unit 8	0.00	71.84	0	0
Total	7.17	306.75		
Chandrapur				
Unit 3	3.37	80.91	160	117
Unit 4	3.25	81.33	159	118
Unit 5	0.00	0.00	0	0
Unit 6	8.41	211.53	405	285
Unit 7	8.42	235.09	410	283
Unit 8	10.12	284.94	485	277
Unit 9	10.35	287.46	484	305
Total	43.92	1181.27		
Paras				
Unit 3	4.10	123.57	190	145
Unit 4	3.96	110.32	192	138
Total	8.06	233.90		
Khaparkheda				
Unit 1	0.15	66.29	50	0
Unit 2	2.44	73.75	123	91
Unit 3	3.41	84.65	171	126
Unit 4	3.42	100.98	167	123
Unit 5	10.18	283.35	460	360
Total	19.60	609.02		
Nasik				
Unit 3	0.00	10.09	0	0
Unit 4	3.35	102.79	174	118
Unit 5	3.21	99.77	151	117
Total	6.56	212.65		
Uran				
All Units	0.00	114.92	0	0
Total	0.00	114.92		
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)	0.00	2.03	0	0
Total	0.00	2.03		
Koyna				
Stage 1-2	2.38	76.94	385	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	81.22	0	0
Stage 3	0.00	36.82	0	0
Total	2.38	194.98		
Hydro				
KDPH	0.10	6.11	15	0
VTRNA	1.22	29.63	61	0
TILLARI	0.45	4.93	58	0
BHIRA T.R.	0.16	7.79	40	0
SMLHY_PTN	2.92	59.11	129	118
GHATGHAR	0.00	2.76	0	0
Total	4.86	110.33		
Wind				
Total	44.65	961.21	0	0
Total	44.65	961.21		
CPP				
APML(Mus)	57.79	1733.84	0	0
JSWEL(Mus)	20.01	609.82	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.65	690.70	0	0
SWPGPL-Mus	10.45	274.18	0	0
Dhariwal	0.00	0.00	0	0
IEPL	4.74	96.22	269	151
Other(Mus)	1.30	53.15	0	0
Total	118.94	3457.91		
SOLAR				
Total	7.28	393.62	0	0
Total	7.28	393.62		
Tata				
Trombay 5	7.39	213.04	454	260
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.33	26.59	107	40
Trombay 7B	0.99	21.53	64	35
TATA Hydro	3.16	132.69	294	10
Trombay 8	3.65	104.46	220	126
Total	16.52	498.31		
AEML				
DTPS U-1&2	8.40	241.92	502	286
Total	8.40	241.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.66	4147.55	MSPGCL Total	153.90	4569.82
			MSPGCL Thml+Gas	146.66	4262.47	Koyna 1,2 & 4 Total	2.38	158.16
			MSPGCL Hydro	7.24	307.35	State Total	349.69	10122.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Jun/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	*Transmission Constraint					
1	6547	278	0	6825	1409	5104	0	0	6857	5916	-1109	17758	0	0	17758	2458	387	20603	50.03
2	6358	276	0	6634	1300	5046	0	0	6609	6278	-1044	17866	0	0	17866	2302	348	20516	49.98
3	6330	276	0	6606	1371	5056	0	0	6476	6204	-1015	17897	0	0	17897	2163	325	20385	50.01
4	6350	277	0	6627	1475	4965	0	0	6496	5917	-981	17687	0	0	17687	2100	316	20103	50.06
5	6226	278	0	6504	1474	4888	0	0	6723	6813	-947	18392	0	0	18392	2101	340	20833	49.95
6	6277	283	0	6560	1488	5005	0	0	7245	7468	-1294	18851	0	0	18851	2153	376	21380	49.94
7	6456	535	0	6991	1461	5004	0	48	7285	7781	-1419	19465	0	0	19465	2287	401	22153	49.95
8	6519	305	0	6824	1443	5403	0	281	7508	7530	-1555	19495	0	0	19495	2485	431	22411	49.99
9	6384	261	0	6645	1683	4934	0	538	8101	8105	-1912	19542	0	0	19542	2806	451	22799	50.00
10	6344	240	0	6584	1828	4926	0	810	8594	8459	-2220	19941	0	0	19941	3109	446	23496	50.02
11	5839	219	0	6058	2180	4488	0	813	9264	9254	-2384	19954	0	0	19954	3278	455	23687	50.07
12	5700	225	0	5925	2333	4217	0	954	9519	8912	-2470	19420	0	0	19420	3358	451	23229	50.05
13	4944	189	0	5133	2485	3864	0	961	9163	8922	-2468	18442	0	0	18442	3360	455	22257	50.02
14	4890	160	0	5050	2639	3960	0	965	8467	8432	-2355	18265	0	0	18265	3257	426	21948	50.08
15	5314	186	0	5500	2579	4152	0	762	8416	8205	-2331	18439	0	0	18439	3238	428	22105	49.89
16	5762	161	0	5923	2413	4284	0	562	8196	8371	-2303	18809	0	0	18809	3207	441	22457	50.00
17	5611	388	0	5999	2434	4374	0	366	7679	7782	-2244	18257	0	0	18257	3160	454	21871	49.99
18	6310	422	0	6732	2113	4680	0	190	6956	7207	-2034	18423	0	0	18423	3089	465	21977	49.98
19	6463	591	0	7054	1983	5497	0	28	6334	6410	-1799	18701	0	0	18701	3017	472	22190	49.96
20	6493	605	0	7098	1797	5994	0	0	6683	6567	-1743	19240	0	0	19240	2944	473	22657	49.92
21	6444	247	0	6691	1809	5888	0	0	6923	6394	-1661	18663	0	0	18663	2829	458	21950	50.01
22	6320	249	0	6569	1693	5802	0	0	6751	6044	-1538	18124	0	0	18124	2718	446	21288	49.99
23	6381	288	0	6669	1572	5781	0	0	6376	5646	-1418	17801	0	0	17801	2602	449	20852	49.99
24	6395	302	0	6697	1686	5631	0	0	5888	5245	-1386	17447	0	0	17447	2531	426	20404	50.02
MUs	146.66	7.24	0.00	153.90	44.65	118.94	0.00	7.28	178.51	173.86	-41.63	446.88	0.00	0.00	446.88	66.55	10.12	523.55	50.00

NOTE : ALL VALUES IN MW

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

*Load Shedding due to Transmission Constraint :-

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Jun/2023

Position as on 6.30 Hrs of 27/Jun/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-3	270	13/06/2023	00:01		Continued.	Annual Overhaul	04/08/2023
MSPGCL	Parli Unit 8	250	18/06/2023	23:55		Continued.	Annual Overhaul	15/07/2023
FORCED OUTAGE								
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	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	23/07/2023
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Material replacement work.	01/03/2024
MSPGCL	Chandrapur Unit 5	500	22/05/2023	19:00		Continued.	Stator Earth Fault	27/06/2023
MSPGCL	Uran Unit 6	108	01/06/2023	19:57		Continued.	No Schedule	
MSPGCL	Koyna STG-IV Unit-1	250	05/06/2023	16:30		Continued.	The KGSC Stg-4 Unit No-1(250MW) not available due to foreign material impact at Guide vane no 4	18/09/2023
MSPGCL	Nasik Unit 3	210	08/06/2023	11:40		Continued.	Tolling Agreement with IEPL synchronised at 9:19 Hrs	
MSPGCL	Uran Unit 8	108	24/06/2023	10:05		Continued.	Compressor Surge Protection	
MSPGCL	Uran Unit B0	120	24/06/2023	19:01		Continued.	On RR end bearing high vibrations	
MSPGCL	Uran Unit 7	108	24/06/2023	19:03		Continued.	On boiler protection	
MSPGCL	Khaparkheda Unit 1	210	24/06/2023	22:47	26/06/2023	21:00	Boiler Tube Leakage	27/06/2023
MSPGCL	Khaparkheda Unit 1	210	27/06/2023	04:06		Continued.	Tripped on electrical fault	28/06/2023

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 26/Jun/2023

Statement-VII

Position as on 6.30 Hrs of 27/Jun/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Tripping							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	26/06/2023	05:01	26/06/2023	09:00	T	Tripped on R-ph high pressure tap changer
400 KV TIEBAY Outages/Tripping							
TIE BAY - 411 OF WARDHA PGCIL @ KORADI 2	IntraState	23/06/2023	01:22			PO	Diagnostic testing of Circuit Breaker & Current transformer Routine nut bolt tightening
400 KV MAINBAY Outages/Tripping							
MAIN BAY (407) OF KOLHAPUR (TALANDGE) @ ALKUD	IntraState	26/06/2023	14:03	26/06/2023	15:27	PO	Diagnostic testing & Maintenance work
400 KV LINE Outages/Tripping							
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
PUNE(GIS) - TALEGAON(PG) CKT - 3	InterState	25/06/2023	13:43	26/06/2023	04:39	T	Tripped on distance protection
PUNE(GIS) - TALEGAON(PG) CKT - 4	InterState	25/06/2023	21:32	26/06/2023	04:43	HT	Outage availed for safety purpose and to attend broken insulator of 400 kV Pune & Pune Ckt-3
400KV RPL-AKOLA2 CKT 1	InterState	27/06/2023	09:52			T	Tripped on Distance Protection.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	25/06/2023	10:40	26/06/2023	10:02	HT	H/T for load management
JEJURI - KARAD	IntraState	25/06/2023	20:28	26/06/2023	11:28	T	Distance Protection
BABHALESHWAR - RPL(NSK) CKT - 1	IntraState	26/06/2023	08:51			PO	Diagnostic Testing of 400 kV NTPP I & NTPP II Bay's Outdoor Equipment & Relay.
BABHALESHWAR - PADGHE CKT - 2	IntraState	27/06/2023	01:35	27/06/2023	03:57	PO	Routine Line maintenance and Insulator cleaning work
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	27/06/2023	09:46			HT	H/T for load Management.
400 KV ICT Outages/Tripping							
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-1 @ TAPTITANDA	IntraState	26/06/2023	13:05	26/06/2023	15:41	EO	To clean up bird nest and re-fixing of insulation tapes at end terminals of tertiary delta formation to prevent tripping due to NDR fault.
400/220kv 500MVA ICT-2 @ TAPTITANDA	IntraState	26/06/2023	16:11	26/06/2023	17:47	EO	Re fixing of insulation tapes at end terminals of tertiary delta, to prevent tripping due to fault on NDR
220 KV MAINBAY Outages/Tripping							
220 KV WANI - PANDHARKAWDA CKT I BAY (TEST CHARGED)	IntraState	02/06/2023	10:10			HT	For rectification of punch points of 220kv wani- pandharkawada line ph-i line.
220 KV LINE Outages/Tripping							
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
GOREGAON - AAREY CKT - 2	IntraState	17/06/2023	18:14			PO	Shifting of existing 220kV AIS Bay no. 2 to New GIS Bay no. 19 under MERC approved Aarey 220kV AIS to GIS conversion project scheme.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jun/2023

Statement-VII

Position as on 6.30 Hrs of 27/Jun/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
URAN - KHARGHAR 1	IntraState	23/06/2023	17:36			PO	LILO and commissioning of 220kV Ulwe GIS
HINJAWADI I- CHINCHWAD	IntraState	25/06/2023	16:44	26/06/2023	05:28	T	HT for Load Management
WARORA-BHUGAON CKT - 1	IntraState	26/06/2023	08:39	26/06/2023	11:37	PO	Routine Maintenance Work.
MUMEWADI -HALKARNI 2 LINE	IntraState	26/06/2023	11:07	26/06/2023	16:58	PO	For Diagnostic Testing of CT,CB & Premonsoon Maintenance work of bay equipments
AMBAZARI - KARANJA CKT	IntraState	26/06/2023	13:15	26/06/2023	15:29	EO	Distance Relay Testing Work.
TALANDGE - HAMIDWADA	IntraState	27/06/2023	09:53			PO	Quarterly Maintenance and Diagnostic work
KARAD - OGALEWADI CKT 1	IntraState	27/06/2023	09:56			PO	Fixing of repair sleeves between Loc No.6-7 Y ph & 20 B Ph
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.
220/132-110 KV 100 MVA ICT 2	IntraState	21/06/2023	11:00			EO	Replacement of HV CB
100 MVA 220/132 KV ICT - I @ NARANGWADI	IntraState	26/06/2023	10:34	26/06/2023	16:48	PO	Relay Testing Work By Testing Team.
220/132KV 100MVA ICT 2 @ SATARA MIDC	IntraState	27/06/2023	09:30			PO	Pre Monsoon & Quarterly maintenance work
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.

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