

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Feb/2024 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	177.865	4315.273	1) Gujrat	3.983	1.526
2) Hydro	6.333	191.966	2) Madhya Pradesh	5.055	149.548
3) Gas	6.879	176.989	3) Chattisgarh	4.010	98.270
Total MSPGCL	191.077	4684.228	4) Maharashtra	157.857	4463.485
B) 1) APML	65.560	1676.159	5) Goa (Amona)	-1.778	-45.306
2) JSWEL	28.128	653.384	Total	169.127	4667.523
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.686	747.017
4) RPL(AMT)	31.266	817.860	b) Mumbai Drawl	32.763	850.860
5) SWPGPL	12.336	320.437	c) MSEDCL Bilateral *	77.485	2168.077
6) Other IPP	42.190	1233.676	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.686	747.014
C) 1) TPCL Thermal	10.537	235.712	Include PX	0.000	0.000
2) TPCL Hydro	3.348	84.398	Standby	0.000	0.003
3) TPCL Gas	3.067	85.486	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.543	252.493	1) MSEDCL	519.684	13584.166
D) STATE			2) Mumbai Discoms	59.258	1508.841
1) Thermal	377.425	9504.994	3) Other Discoms	10.678	272.510
(A1+C1+C4+(B1-B6))			TOTAL STATE	589.620	15365.517
2) Hydro	9.681	276.364			
(A2+C2)					
3) Gas	9.946	262.475			
(A3+B7+C3)					
4) Wind	9.550	238.197			
6) SOLAR	13.891	416.072			
TOTAL STATE	420.493	10698.102			

* 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 3 Hrs
MSPGCL Thermal	7968	7620	7910	6852
MSPGCL Hydro	175	245	865	161
MSPGCL Gas	279	266	286	299
MSPGCL Total Generation	8422	8131	9061	7312
Central Sector Receipt	7849	8257	6549	5813
WIND	655	296	321	410
CPP / IPP Thermal	7992	7651	8020	7061
CPP / IPP Gas	0	0	0	0
SOLAR	1795	1294	0	0
Exchange with Mumbai	-1604	-1765	-1402	-986
MSEDCL DEMAND MET	24655	23387	22041	19258
Load Shedding	0	0	0	0
MSEDCL DEMAND	24655	23387	22041	19258
TPCL GENERATION	849	743	957	441
AEML GENERATION	498	450	487	303
MUMBAI DEMAND	2951	2958	2846	1730
OTHER DISCOM DEMAND	454	478	508	352
STATE DEMAND MET	28060	26822	25395	21340
STATE DEMAND	28060	26822	25395	21340
Frequency (Hz)	49.94	49.94	50.11	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.27 Hz at 19.57 Hrs	49.73 Hz at 10.09 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 26/Feb/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.89	113.24	175	135
Unit 8	14.94	379.31	659	542
Unit 9	12.28	341.47	553	475
Unit 10	13.27	350.79	585	540
Total	44.39	1184.80		
Bhusawal				
Unit 3	3.46	90.22	185	110
Unit 4	9.80	184.54	490	290
Unit 5	10.45	236.08	495	310
Total	23.71	510.85		
Parli				
Unit 6	4.20	107.43	250	140
Unit 7	4.12	105.73	230	140
Unit 8	4.33	106.72	236	148
Total	12.66	319.88		
Chandrapur				
Unit 3	3.28	85.73	155	120
Unit 4	3.55	80.51	166	120
Unit 5	8.76	218.93	430	280
Unit 6	9.12	95.55	455	277
Unit 7	8.60	195.48	461	291
Unit 8	9.81	247.85	425	315
Unit 9	10.84	281.24	489	347
Total	53.96	1205.30		
Paras				
Unit 3	5.32	143.82	241	190
Unit 4	6.01	149.41	254	248
Total	11.34	293.23		
Khaparkheda				
Unit 1	4.03	101.34	180	145
Unit 2	4.39	53.12	200	155
Unit 3	0.10	95.73	96	0
Unit 4	4.49	97.33	192	175
Unit 5	11.90	288.54	500	473
Total	24.92	636.05		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.68	93.52	178	123
Unit 5	3.22	71.65	158	51
Total	6.90	165.16		
Uran				
All Units	6.88	176.99	307	258
Total	6.88	176.99		
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)	0.11	2.21	53	0
Total	0.11	2.21		
Koyna				
Stage 1-2	1.30	43.82	155	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.22	16.90	127	0
Stage 3	0.40	14.18	240	0
Total	1.93	74.89		
Hydro				
KDPH	0.86	22.46	36	36
VTRNA	0.66	5.30	61	0
TILLARI	0.49	7.15	65	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	1.96	67.25	90	79
GHATGHAR	0.32	12.71	210	0
Total	4.30	114.86		
Wind				
Total	9.55	238.20	0	0
Total	9.55	238.20		
CPP				
APML(Mus)	65.56	1676.16	0	0
JSWEL(Mus)	28.13	653.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.27	817.86	0	0
SWPGPL-Mus	12.34	320.44	0	0
Dhariwal	0.00	0.00	0	0
IEPL	0.00	133.25	0	0
Other(Mus)	38.82	1032.28	0	0
JPL	3.37	68.14	202	110
Total	179.48	4701.52		
SOLAR				
Total	13.89	416.07	0	0
Total	13.89	416.07		
Tata				
Trombay 5	6.92	202.16	385	202
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.82	51.44	111	39
Trombay 7B	1.24	34.05	65	36
TATA Hydro	3.35	84.40	393	17
Trombay 8	3.61	33.55	199	131
Total	16.95	405.60		
AEML				
DTPS U-1&2	9.54	252.49	498	301
Total	9.54	252.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	177.86	4315.27	MSPGCL Total	191.08	4684.23
			MSPGCL Thml+Gas	184.74	4492.26	Koyna 1,2 & 4 Total	1.53	60.72
			MSPGCL Hydro	6.33	191.97	State Total	420.49	10698.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Feb/2024

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	6601	171	298	7070	425	7008	0	0	6335	6124	-1053	19187	0	0	19187	1941	387	21515	50.00
2	6643	169	298	7110	448	7064	0	0	6263	5959	-1027	19192	0	0	19192	1812	362	21366	50.01
3	6852	161	299	7312	410	7061	0	0	6093	5813	-986	19258	0	0	19258	1730	352	21340	50.00
4	6962	161	300	7423	440	7056	0	0	5971	5802	-943	19437	0	0	19437	1678	341	21456	50.02
5	7062	161	302	7525	352	7086	0	0	6207	6302	-891	20031	0	0	20031	1689	343	22063	49.98
6	7509	161	307	7977	364	7232	0	0	6489	6695	-913	20978	0	0	20978	1819	377	23174	50.02
7	7826	278	304	8408	437	7963	0	4	6800	6685	-899	22194	0	0	22194	2008	404	24606	50.03
8	7925	238	302	8465	416	7930	0	180	7021	7156	-991	22730	0	0	22730	2208	426	25364	50.03
9	7762	280	297	8339	425	7648	0	720	7571	7739	-1220	23199	0	22	23199	2515	451	26166	50.03
10	7930	239	285	8454	545	7968	0	1315	7732	7684	-1450	24054	0	20	24054	2768	462	27284	49.97
11	7968	175	279	8422	655	7992	0	1795	8187	7849	-1604	24655	0	28	24655	2951	454	28060	49.94
12	7716	220	280	8216	638	7592	0	1998	8079	8032	-1827	24160	0	32	24160	3022	489	27671	50.01
13	7234	220	263	7717	467	7040	0	2047	8568	8377	-1893	23281	0	28	23281	3005	473	26759	50.01
14	6681	290	258	7229	338	6769	0	1911	8754	8912	-1925	22776	0	14	22776	2891	458	26125	49.96
15	7216	329	268	7813	326	7114	0	1665	8444	8296	-1932	22804	0	3	22804	2905	479	26187	49.95
16	7620	245	266	8131	296	7651	0	1294	8632	8257	-1765	23387	0	0	23387	2958	478	26822	49.94
17	7792	222	270	8284	280	7953	0	720	8182	7436	-1691	22464	0	0	22464	2930	519	25912	49.96
18	7788	286	273	8347	279	7889	0	236	7358	7000	-1525	21718	0	0	21718	2890	509	25116	50.07
19	7687	579	279	8545	275	8003	0	6	6880	6765	-1432	21651	0	0	21651	2874	511	25036	50.05
20	7910	865	286	9061	321	8020	0	0	6897	6549	-1402	22041	0	0	22041	2846	508	25395	50.11
21	7422	299	289	8010	358	7693	0	0	6915	6377	-1370	20581	0	0	20581	2673	487	23741	50.06
22	7241	234	290	7765	355	7225	0	0	6788	6476	-1368	19971	0	0	19971	2500	482	22953	50.02
23	7372	185	292	7849	362	7278	0	0	6698	6456	-1371	20092	0	0	20092	2373	482	22947	49.99
24	7146	165	294	7605	338	7243	0	0	6708	6386	-1285	19844	0	0	19844	2272	443	22559	50.00
MUs	177.86	6.33	6.88	191.08	9.55	179.48	0.00	13.89	173.57	169.13	-32.76	519.68	0.00	0.15	519.68	59.26	10.68	589.62	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.

*Load Shedding due to Transmission Constraint :-

1) ELR Carried out due to 132kV BBLR - Rahuri Line Over Load-488Amp/98.05MW at 132kv Rahuri s/stn.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Feb/2024

Position as on 6.30 Hrs of 27/Feb/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Major overhaul.	28/03/2024
MSPGCL	Koyna Unit 11	80	10/07/2023	09:40		Continued.	Capital Overhaul	29/02/2024
MSPGCL	Nasik Unit 3	210	18/01/2024	16:56		Continued.	Tolling (Converted to Planned outage on dt 02.02.2024 for boiler & allied work.)	13/03/2024
Total Capacity MSPGCL		398						
CENT.SECTOR								
CENT.SECTOR	Tarapur 3	540	11/01/2024	21:45		Continued.	Annual Overhaul	29/02/2024
Total Capacity CENT.SECTOR		540						
Total Capacity PLANNED OUTAGE		938						
FORCED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	31/08/2024
MSPGCL	Uran Unit 6	108	16/01/2024	20:29		Continued.	For open cycle No schedule from MSEDCL.	
MSPGCL	Khaparkheda Unit 3	210	26/02/2024	00:48		Continued.	Suspected Boiler Tube Leakage	28/02/2024
Total Capacity MSPGCL		438						
IPP								
IPP	JPL Unit 1	150	13/01/2024	01:00	26/02/2024	15:41	Due to low net sale realisation. (while rolling at 21.00hrs. dtd. 31/01/2024 tripped on high vibration during rolling)	26/02/2024
IPP	IEPL Unit 1	270	25/02/2024	02:02	27/02/2024	04:12	suspected leakage in the boiler	26/02/2024
Total Capacity IPP		420						
CENT.SECTOR								
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
Total Capacity CENT.SECTOR		320						
Total Capacity FORCED OUTAGE		1178						
FORCED OUTAGE DUE TO NO PPA								
IPP								
IPP	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Feb/2024

Position as on 6.30 Hrs of 27/Feb/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	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)	
Total Capacity IPP		988						
Total Capacity FORCED OUTAGE DUE TO NO PPA		988						

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Feb/2024

Statement-VII

Position as on 6.30 Hrs of 27/Feb/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
AKOLA II - EKTUNI CKT - 1	IntraState	26/02/2024	13:56	26/02/2024	16:26	HT	Emergency H/T for heavy sparking observed at Ektuni end
400 KV MAINBAY Outages/Trippings							
MAIN BAY - 418 OF IEPL @ KORADI-2	IntraState	29/09/2023	10:42			PO	1)Diagnostic testing of Circuit breaker 418-Q52. 2) Routine Maintenance work of Bay 418.
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 1	InterState	15/02/2024	09:24	26/02/2024	17:56	PO	Major Maintenance of GIS
KORADI 2-WARDHA (PG)	InterState	26/02/2024	13:17	26/02/2024	13:48	PO	REPALCEMENT OF FAULTY STRINGS AND LINES MAINT WPRKS
BUS REACTOR (50MVAR) @ PARLI	IntraState	27/09/2023	15:30			PO	Replacement of old 50 MVAR bus reactor by new 125 MVAR bus reactor.
PADGHE - KALWA CKT - 1	IntraState	11/02/2024	00:35			PO	For tapping of 400kV Kalwa-Padgha-1 line (Loc no. 1113) with 400kV Kalwa-Kharghar line Loc no. 167 (Tapping work will be finished by 11.06.2024 @ 06:00 Hrs) using ERS thereby forming temporary 400kV Kalwa-Kharghar-Padgha Tap line and carrying out replacement of existing conductor the HTLS conductor of 400kV Kalwa-Padgha-1 line 1148 (Airoli) to 1114 (Shilphata)
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	14/02/2024	06:42			HT	H/T for controlling loading of 400kV Talegaon-Chakan
NEW KOYNA-KARAD CKT - 1	IntraState	25/02/2024	23:05	26/02/2024	10:21	HT	For voltage management
DABHOL - NAGOTHANE CKT - 1	IntraState	26/02/2024	11:53	26/02/2024	18:19	PO	Cold Washing Work
KHADKA- DEEPNAGAR CKT 1	IntraState	26/02/2024	12:31	26/02/2024	18:46	PO	For tan delta measurement of CVT.
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.
105 MVA SPARE ICT @ AKOLA	IntraState	04/02/2024	09:21			EO	for removal of 401 52 circuit breaker of spare ICT for replacement of 40952 B phase CB of Tie Bay 409
400/220KV 500 MVA ICT - 1 @ VIKHROLI GIS	IntraState	10/02/2024	15:19			HT	H/T For LV side only
400/220KV 500 MVA ICT - 3 @ VIKHROLI GIS	IntraState	10/02/2024	17:40			HT	H/T For LV only.
400/220KV 500 MVA ICT - 2 @ VIKHROLI GIS	IntraState	10/02/2024	18:31			HT	H/T For LV only.
400/220/33 KV 167 MVA SPARE ICT @ KHAPARKHEDA	IntraState	12/02/2024	10:28			PO	Erection of CS Type Gantry Beam Structure for RRS Scheme of ICTs
400/11.5KV STATION TRANSFORMER - 5 @ TIRORA	IntraState	20/02/2024	11:46			PO	Annual Maintenance & Testing Transformer. Annual maintenance of main bay and tie bay equipments.
400/220/33 KV 500 MVA ICT - 3 @ PARLI	IntraState	26/02/2024	09:46	26/02/2024	17:50	PO	1) NDR & IV backup relays testing work.2) Bay Maintenance work.
105 MVA SPARE ICT @ CHAKAN	IntraState	26/02/2024	11:30	26/02/2024	15:54	PO	Routine maintenance and DT.
400 KV BR Outages/Trippings							
400KV 125MVAR BUS REACTOR @ KARAD	IntraState	06/01/2024	11:55			PO	Existing 125 MVAR Reactor CB Have mechanical problem and need to replace
220 KV MAINBAY Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Feb/2024

Statement-VII

Position as on 6.30 Hrs of 27/Feb/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TBC @ BHOSARI-1	IntraState	26/02/2024	11:50	26/02/2024	13:20	PO	CB CRM & CB Timming testing work
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	01/02/2024	10:07			PO	Outage required for PLCC, CVT & WT Foundation, Erection work at 220kV Navsari SS.
URAN - KHARGHAR 2	IntraState	14/02/2024	08:41			PO	For making LILO of 220kV cable at 220kV Ulwe GIS & Waghiwali & Retrofitting of "DIFF" relay at 400kV KHARGHAR s/s.
VITA WAIPHALE	IntraState	26/02/2024	10:56	26/02/2024	17:11	PO	Quarterly Maintenance Work & Diagnostic testing work at 220kV Wayphle end
PADGHE - JINDAL	IntraState	26/02/2024	11:00	26/02/2024	21:31	PO	Retrofitting of distance & backup protection relay
HALKARNI-MAHALAXMI LINE	IntraState	26/02/2024	11:45	26/02/2024	15:52	PO	For hardware replacement at 295
VIKHROLI (GIS) - SAKI 7	IntraState	26/02/2024	11:50	26/02/2024	16:34	PO	CLOSER INSPECTION
LONAND - KANDALGAON (SONA ALLOY TAP)	IntraState	26/02/2024	11:51	26/02/2024	16:27	PO	Replacement of damaged conductor & Conductor restringing Work
AMRAPUR - TAPTITANDA CKT - 2	IntraState	26/02/2024	13:14	26/02/2024	19:35	T	Tripped on Distance protection.
MAIN BUS - 1 @ GORAI	IntraState	26/02/2024	13:49	26/02/2024	19:28	PO	Annual maintenance of bus-1 and bus-1 side isolator
WAGHIWALI - DHARAVI 7	IntraState	26/02/2024	14:01	26/02/2024	15:01	T	Tripped on Distance protection.
PETH- MUDSHINGI 1 LINE	IntraState	26/02/2024	14:17	26/02/2024	17:17	PO	Quarterly Maintenance Work
BIDRI - SAWANTWADI	IntraState	26/02/2024	14:29	26/02/2024	16:12	PO	Maintenance of 220kV Bidri Bay equipment.
CENTURI ENKA- BHOSARI	IntraState	26/02/2024	14:45	26/02/2024	16:10	PO	CB CRM & CB Timming testing work
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.
220/100 KV 200 MVA ICT 4 @ PADGHE	IntraState	20/02/2024	11:05			PO	1. Oil filtration Work 2. IED Commissioning & Installation work
220/132KV 100MVA ICT 3 @ PANDHARPUR	IntraState	21/02/2024	10:23			PO	AUGUMENTATION OF ICT 3 FROM 100MVA ICT TO NEW 200MVA ICT
220/100 KV 125 MVA ICT 2 @ JAMBHUL	IntraState	26/02/2024	10:02	26/02/2024	17:43	PO	145kV Areva Make LV CB Operating Mechanism Overhauling & Cabinet replacement alongwith rewiring and testing work by agency.
220 KV BUSBAR Outages/Trippings							
220KV BUS 1 @ TARAPUR-220 KV	InterState	23/02/2024	11:41			PO	Preventive Maintenance checks & SF6 gas leak rectification job
220KV BUS 2 @ TARAPUR-220 KV	InterState	23/02/2024	11:41			PO	Preventive Maintenance checks & SF6 gas leak rectification job
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
KALYAN KALWA SALSETTE 1	IntraState	06/02/2024	19:55			PO	PROJECT WORK-Conductor replacement
TROMBAY CARNAC 1 / 3	IntraState	17/02/2024	10:35			PO	Project work for replacement of cable section
TROMBAY PAREL 3 / CARNAC 2	IntraState	17/02/2024	10:35			PO	Project work for replacement of cable section

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