

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Feb/2024 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	171.568	4137.408	1) Gujrat	4.164	-2.457
2) Hydro	5.543	185.633	2) Madhya Pradesh	4.747	144.493
3) Gas	7.089	170.110	3) Chattisgarh	3.810	94.260
Total MSPGCL	184.200	4493.151	4) Maharashtra	155.432	4305.628
B) 1) APML	59.473	1610.599	5) Goa (Amona)	-0.968	-43.528
2) JSWEL	26.964	625.256	Total	167.185	4498.396
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.863	718.331
4) RPL(AMT)	31.350	786.594	b) Mumbai Drawl	28.595	818.097
5) SWPGPL	12.213	308.101	c) MSEDCL Bilateral *	83.928	2090.592
6) Other IPP	41.273	1191.486	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.863	718.328
C) 1) TPCL Thermal	8.076	225.175	Include PX	0.000	0.000
2) TPCL Hydro	1.655	81.050	Standby	0.000	0.003
3) TPCL Gas	1.741	82.419	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.891	242.950	1) MSEDCL	510.903	13064.482
D) STATE			2) Mumbai Discoms	48.958	1449.583
1) Thermal	359.808	9127.569	3) Other Discoms	10.144	261.832
(A1+C1+C4+(B1-B6))			TOTAL STATE	570.005	14775.897
2) Hydro (A2+C2)	7.198	266.683			
3) Gas (A3+B7+C3)	8.830	252.529			
4) Wind	10.319	228.647			
6) SOLAR	16.665	402.181			
TOTAL STATE	402.820	10277.609			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	7438	6612	7534	6967
MSPGCL Hydro	183	175	428	171
MSPGCL Gas	288	280	292	300
MSPGCL Total Generation	7909	7067	8254	7438
Central Sector Receipt	8424	8531	6818	6040
WIND	425	183	130	278
CPP / IPP Thermal	6923	6755	7704	7068
CPP / IPP Gas	0	0	0	0
SOLAR	2122	2408	0	0
Exchange with Mumbai	-1335	-1521	-1383	-1153
MSEDCL DEMAND MET	24028	22993	21066	19241
Load Shedding	0	0	0	0
MSEDCL DEMAND	24028	22993	21066	19241
TPCL GENERATION	439	465	526	483
AEML GENERATION	480	304	401	406
MUMBAI DEMAND	2254	2290	2310	2042
OTHER DISCOM DEMAND	440	430	457	430
STATE DEMAND MET	26722	25713	23833	21713
STATE DEMAND	26722	25713	23833	21713
Frequency (Hz)	50.01	50.00	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.33 Hz at 06:04 Hrs	49.75 Hz at 14:50 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 25/Feb/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.02	109.34	185	150
Unit 8	13.87	364.36	604	562
Unit 9	11.81	329.19	531	460
Unit 10	13.22	337.52	591	520
Total	42.91	1140.42		
Bhusawal				
Unit 3	3.20	86.76	165	115
Unit 4	9.12	174.74	500	285
Unit 5	9.62	225.64	500	280
Total	21.94	487.14		
Parli				
Unit 6	3.70	103.22	186	137
Unit 7	3.70	101.61	209	142
Unit 8	3.77	102.39	222	141
Total	11.17	307.22		
Chandrapur				
Unit 3	3.20	82.46	145	123
Unit 4	3.40	76.96	162	120
Unit 5	8.10	210.17	430	275
Unit 6	8.19	86.43	430	285
Unit 7	8.05	186.89	436	283
Unit 8	9.67	238.04	425	285
Unit 9	10.49	270.40	475	315
Total	51.09	1151.34		
Paras				
Unit 3	5.72	138.50	252	231
Unit 4	6.01	143.39	258	242
Total	11.72	281.89		
Khaparkheda				
Unit 1	4.23	97.31	185	160
Unit 2	4.48	48.72	201	172
Unit 3	4.16	95.63	176	165
Unit 4	4.54	92.83	193	179
Unit 5	11.83	276.64	500	480
Total	29.24	611.13		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.45	89.84	182	126
Unit 5	0.04	68.42	38	0
Total	3.49	158.26		
Uran				
All Units	7.09	170.11	311	277
Total	7.09	170.11		
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)	0.06	2.10	40	0
Total	0.06	2.10		
Koyna				
Stage 1-2	1.24	42.51	150	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	16.68	0	0
Stage 3	0.17	13.78	130	0
Total	1.42	72.97		
Hydro				
KDPH	0.86	21.60	36	36
VTRNA	0.45	4.64	60	0
TILLARI	0.52	6.65	65	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.23	65.28	95	90
GHATGHAR	0.00	12.39	0	0
Total	4.06	110.57		
Wind				
Total	10.32	228.65	0	0
Total	10.32	228.65		
CPP				
APML(Mus)	59.47	1610.60	0	0
JSWEL(Mus)	26.96	625.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.35	786.59	0	0
SWPGPL-Mus	12.21	308.10	0	0
Dhariwal	0.00	0.00	0	0
IEPL	0.25	133.25	176	0
Other(Mus)	38.34	993.46	0	0
JPL	2.69	64.77	116	108
Total	171.27	4522.04		
SOLAR				
Total	16.66	402.18	0	0
Total	16.66	402.18		
Tata				
Trombay 5	4.84	195.24	204	192
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.90	49.62	40	35
Trombay 7B	0.84	32.80	36	34
TATA Hydro	1.66	81.05	193	27
Trombay 8	3.24	29.94	162	130
Total	11.47	388.64		
AEML				
DTPS U-1&2	8.89	242.95	483	293
Total	8.89	242.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	171.57	4137.41	MSPGCL Total	184.20	4493.15
			MSPGCL Thml+Gas	178.66	4307.52	Koyna 1,2 & 4 Total	1.24	59.19
			MSPGCL Hydro	5.54	185.63	State Total	402.82	10277.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	7193	174	303	7670	622	7358	0	0	6160	5868	-1094	20024	0	0	20024	1895	400	22319	49.99
2	7332	175	305	7812	698	7264	0	0	6085	5708	-1029	20084	0	0	20084	1787	369	22240	50.00
3	7293	174	307	7774	842	7155	0	0	6007	5553	-869	20109	0	0	20109	1696	346	22151	49.99
4	6960	169	308	7437	843	7139	0	0	5972	5745	-818	20003	0	0	20003	1643	343	21989	49.98
5	7170	173	310	7653	873	7192	0	0	6125	6265	-887	20746	0	0	20746	1619	350	22715	49.99
6	7598	169	311	8078	849	7309	0	0	6482	6245	-965	21131	0	0	21131	1702	385	23218	50.04
7	7840	252	309	8401	887	7818	0	6	6338	5641	-878	21472	0	0	21472	1769	403	23644	50.07
8	7608	278	310	8196	854	7579	0	266	6430	6496	-810	22149	0	0	22149	1830	432	24411	50.04
9	7222	306	302	7830	659	7218	0	943	7267	7302	-1100	22419	0	15	22419	1974	433	24826	50.01
10	7315	343	300	7958	572	7115	0	1632	7651	7847	-1247	23444	0	25	23444	2123	433	26000	49.97
11	7438	183	288	7909	425	6923	0	2122	8588	8424	-1335	24028	0	47	24028	2254	440	26722	50.01
12	7026	174	282	7482	264	6791	0	2338	8665	8645	-1417	23661	0	49	23661	2312	442	26415	50.00
13	6612	175	280	7067	183	6755	0	2408	8279	8531	-1521	22993	0	43	22993	2290	430	25713	50.00
14	6420	175	279	6874	132	6552	0	2326	8098	8228	-1454	22221	0	26	22221	2214	437	24872	49.98
15	6481	224	277	6982	128	6546	0	1979	8115	8247	-1417	22030	0	17	22030	2175	435	24640	49.94
16	6614	238	280	7132	109	6727	0	1519	8383	8410	-1408	22023	0	16	22023	2162	466	24651	49.97
17	7033	235	282	7550	116	7078	0	888	7759	7700	-1234	21651	0	11	21651	2152	447	24250	50.01
18	7405	299	283	7987	134	7283	0	227	7247	7003	-1264	20904	0	2	20904	2150	466	23520	50.04
19	7528	344	287	8159	121	7415	0	11	7280	7012	-1369	20883	0	0	20883	2222	466	23571	50.04
20	7534	428	292	8254	130	7704	0	0	7268	6818	-1383	21066	0	0	21066	2310	457	23833	49.99
21	7133	290	293	7716	184	7177	0	0	7140	6783	-1406	20001	0	0	20001	2284	453	22738	50.03
22	7058	218	299	7575	211	7100	0	0	6706	6246	-1365	19327	0	0	19327	2219	440	21986	50.01
23	6788	176	302	7266	205	7007	0	0	6490	6428	-1172	19291	0	0	19291	2134	443	21868	50.01
24	6967	171	300	7438	278	7068	0	0	6452	6040	-1153	19241	0	0	19241	2042	430	21713	50.00
MUs	171.57	5.54	7.09	184.20	10.32	171.27	0.00	16.66	170.99	167.19	-28.59	510.90	0.00	0.25	510.90	48.96	10.14	570.01	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 :-

1) ELR Carried out due to overload of 132kV BBLR - Rahuri Line and 50MVA T/F overload at Kopargaon S/stn.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Feb/2024

Position as on 6.30 Hrs of 26/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	Nasik Unit 5	210	21/02/2024	16:38	25/02/2024	23:10	High DM water consumption.	25/02/2024
MSPGCL	Khaparkheda Unit 3	210	26/02/2024	00:48		Continued.	Suspected Boiler Tube Leakage	28/02/2024
Total Capacity MSPGCL		648						
IPP								
IPP	JPL Unit 1	150	13/01/2024	01:00		Continued.	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		Continued.	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		1388						
FORCED OUTAGE DUE TO NO PPA								
IPP								

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Feb/2024

Position as on 6.30 Hrs of 26/Feb/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
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 25/Feb/2024

Statement-VII

Position as on 6.30 Hrs of 26/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	25/02/2024	10:51	25/02/2024	16:05	PO	BCT cable replacement & cable tray installation work
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			PO	Major Maintenance of GIS
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			HT	For voltage management
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 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 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.
WARDHA-YEOTMAL	IntraState	25/02/2024	06:43	25/02/2024	18:42	PO	work of increasing the ground clearance by de-stringing and restringing of conductor in span

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Feb/2024

Statement-VII

Position as on 6.30 Hrs of 26/Feb/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KANDALGAON - PIRANGUT	IntraState	25/02/2024	08:05	25/02/2024	18:48	PO	1) Fixing of conductor vibration dampers. 2) Cold line cleaning of insulators.
SALSETTE BORIVLI - 2	IntraState	25/02/2024	09:12	25/02/2024	19:08	PO	Closer inspection
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 KV BUSBAR Outages/Trippings							
220KV BUS 2 @ TARAPUR-220 KV	InterState	23/02/2024	11:41			PO	Preventive Maintenance checks & SF6 gas leak rectification job
220KV BUS 1 @ 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
KOLSHET - BMC - BORIVALI (T) - BORIVALI (M)	IntraState	25/02/2024	09:02	25/02/2024	12:24	PO	Work in vicinity for salsette Borivali 2 work.

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