

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Feb/2024 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	176.406	4491.679	1) Gujrat	5.129	6.655
2) Hydro	5.461	197.427	2) Madhya Pradesh	7.434	156.982
3) Gas	6.947	183.936	3) Chattisgarh	4.120	102.390
Total MSPGCL	188.814	4873.042	4) Maharashtra	167.682	4631.167
B) 1) APLM	60.863	1737.022	5) Goa (Amona)	-2.139	-47.445
2) JSWEL	25.416	678.800	Total	182.226	4849.749
3) VIPL	0.000	0.000	a) Mumbai Schedule	33.447	780.464
4) RPL(AMT)	31.311	849.171	b) Mumbai Drawl	34.172	885.032
5) SWPGPL	12.296	332.733	c) MSEDCL Bilateral *	83.595	2251.672
6) Other IPP	46.259	1279.935	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	33.447	780.462
C) 1) TPCL Thermal	10.619	246.331	Include PX	0.000	0.000
2) TPCL Hydro	3.340	87.738	Standby	0.000	0.003
3) TPCL Gas	3.993	89.479	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.096	261.589	1) MSEDCL	524.718	14108.884
D) STATE			2) Mumbai Discoms	61.218	1570.059
1) Thermal	372.266	9877.260	3) Other Discoms	10.828	283.338
(A1+C1+C4+(B1-B6))			TOTAL STATE	596.764	15962.281
2) Hydro	8.801	285.165			
(A2+C2)					
3) Gas	10.940	273.415			
(A3+B7+C3)					
4) Wind	8.006	246.203			
6) SOLAR	14.527	430.599			
TOTAL STATE	414.540	11112.642			

* 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 3 Hrs
MSPGCL Thermal	7557	6610	7865	7116
MSPGCL Hydro	220	215	310	156
MSPGCL Gas	288	278	287	297
MSPGCL Total Generation	8065	7103	8462	7569
Central Sector Receipt	9169	9075	7587	6196
WIND	379	203	420	343
CPP / IPP Thermal	7155	7004	8142	6930
CPP / IPP Gas	0	0	0	0
SOLAR	1779	2157	0	0
Exchange with Mumbai	-1860	-1885	-1454	-985
MSEDCL DEMAND MET	24197	23187	22666	19699
Load Shedding	0	0	0	0
MSEDCL DEMAND	24197	23187	22666	19699
TPCL GENERATION	781	783	961	587
AEML GENERATION	421	380	450	312
MUMBAI DEMAND	3062	3048	2865	1884
OTHER DISCOM DEMAND	490	470	490	355
STATE DEMAND MET	27749	26705	26022	21937
STATE DEMAND	27749	26705	26022	21937
Frequency (Hz)	50.01	50.01	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.23 Hz at 13.02 Hrs	49.85 Hz at 06.08 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 27/Feb/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.84	117.07	175	135
Unit 8	15.14	394.44	671	572
Unit 9	12.81	354.28	567	518
Unit 10	14.33	365.12	620	570
Total	46.12	1230.92		
Bhusawal				
Unit 3	3.40	93.62	175	120
Unit 4	10.50	195.04	500	305
Unit 5	10.87	246.96	500	290
Total	24.78	535.62		
Parli				
Unit 6	3.78	111.21	240	145
Unit 7	3.88	109.61	223	144
Unit 8	3.81	110.53	225	144
Total	11.47	331.35		
Chandrapur				
Unit 3	3.27	89.00	150	120
Unit 4	3.50	84.01	168	98
Unit 5	8.29	227.22	435	270
Unit 6	8.63	104.18	450	280
Unit 7	8.48	203.96	448	282
Unit 8	8.91	256.76	425	285
Unit 9	10.81	292.05	483	315
Total	51.88	1257.18		
Paras				
Unit 3	4.48	148.31	242	106
Unit 4	5.87	155.28	256	200
Total	10.35	303.58		
Khaparkheda				
Unit 1	4.02	105.36	185	140
Unit 2	4.58	57.69	207	165
Unit 3	0.00	95.73	0	0
Unit 4	4.38	101.71	193	168
Unit 5	11.90	300.44	500	485
Total	24.87	660.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.61	97.12	189	77
Unit 5	3.34	74.98	159	116
Total	6.94	172.11		
Uran				
All Units	6.95	183.94	301	274
Total	6.95	183.94		
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	2.21	0	0
Total	0.00	2.21		
Koyna				
Stage 1-2	1.33	45.14	260	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.11	17.02	112	0
Stage 3	0.18	14.36	80	0
Total	1.62	76.52		
Hydro				
KDPH	0.86	23.33	36	36
VTRNA	0.58	5.88	60	0
TILLARI	0.51	7.66	64	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	1.81	69.06	86	71
GHATGHAR	0.07	12.78	40	0
Total	3.84	118.70		
Wind				
Total	8.01	246.20	0	0
Total	8.01	246.20		
CPP				
APML(Mus)	60.86	1737.02	0	0
JSWEL(Mus)	25.42	678.80	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.31	849.17	0	0
SWPGPL-Mus	12.30	332.73	0	0
Dhariwal	0.00	0.00	0	0
IEPL	3.05	136.31	163	0
Other(Mus)	38.62	1070.90	0	0
JPL	4.58	72.72	210	176
Total	176.14	4877.66		
SOLAR				
Total	14.53	430.60	0	0
Total	14.53	430.60		
Tata				
Trombay 5	7.13	209.29	366	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	53.92	108	83
Trombay 7B	1.52	35.56	65	57
TATA Hydro	3.34	87.74	367	15
Trombay 8	3.49	37.04	173	132
Total	17.95	423.55		
AEML				
DTPS U-1&2	9.10	261.59	496	297
Total	9.10	261.59		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	176.41	4491.68	MSPGCL Total	188.81	4873.04
			MSPGCL Thml+Gas	183.35	4675.62	Koyna 1,2 & 4 Total	1.44	62.16
			MSPGCL Hydro	5.46	197.43	State Total	414.54	11112.64

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	6929	165	297	7391	326	6911	0	0	6844	6802	-1219	19794	0	0	19794	2132	416	22343	49.98
2	7129	156	297	7582	381	6950	0	0	6654	6455	-1098	19876	0	0	19876	1988	393	22258	50.00
3	7116	156	297	7569	343	6930	0	0	6460	6196	-985	19699	0	0	19699	1884	355	21937	49.98
4	7150	166	296	7612	395	6909	0	0	6453	6416	-913	20054	0	0	20054	1816	365	22235	50.00
5	7199	156	299	7654	392	7042	0	0	6703	6411	-904	20214	0	0	20214	1812	381	22407	50.02
6	7566	161	301	8028	522	7391	0	0	6719	6627	-988	21181	0	0	21181	1919	399	23499	49.98
7	7887	219	299	8405	462	7530	0	9	6954	6967	-1071	21876	0	0	21876	2107	426	24409	49.98
8	7828	443	300	8571	410	7864	0	201	7030	7299	-1076	22832	0	0	22832	2317	437	25586	50.00
9	7692	296	300	8288	310	7844	0	638	8005	8148	-1424	23341	0	17	23341	2617	462	26421	50.05
10	7607	297	292	8196	373	7233	0	1221	8889	9023	-1699	23849	0	25	23849	2897	497	27244	50.04
11	7557	220	288	8065	379	7155	0	1779	9579	9169	-1860	24197	0	140	24197	3062	490	27749	50.01
12	6928	214	280	7422	315	7035	0	2101	9386	9368	-1896	23863	0	134	23863	3095	483	27440	50.01
13	6610	215	278	7103	203	7004	0	2157	9095	9075	-1885	23187	0	38	23187	3048	470	26705	50.01
14	6505	211	279	6995	181	6802	0	2137	8895	8801	-1728	22729	0	23	22729	2926	459	26114	50.03
15	6878	230	276	7384	133	6902	0	1843	8881	9046	-1733	23102	0	26	23102	2972	473	26547	50.01
16	7257	219	274	7750	166	7286	0	1399	8906	8686	-1757	23068	0	30	23068	3005	462	26535	49.98
17	7667	219	279	8165	172	7526	0	758	8497	8414	-1717	22836	0	1	22836	2989	482	26307	50.00
18	7849	396	281	8526	251	7995	0	278	7698	6909	-1530	21941	0	0	21941	2948	489	25377	50.06
19	7767	313	282	8362	247	7957	0	6	7561	7269	-1499	21845	0	0	21845	2899	498	25241	49.99
20	7865	310	287	8462	420	8142	0	0	7737	7587	-1454	22666	0	0	22666	2865	490	26022	49.99
21	7579	215	289	8083	441	7617	0	0	7422	7126	-1470	21322	0	0	21322	2700	476	24497	50.01
22	7230	159	289	7678	351	7378	0	0	7292	6988	-1528	20368	0	0	20368	2544	499	23411	50.00
23	7396	163	293	7852	389	7391	0	0	7110	6826	-1391	20586	0	0	20586	2397	481	23464	49.97
24	7215	162	294	7671	444	7352	0	0	7082	6618	-1347	20293	0	0	20293	2281	445	23019	49.98
MUs	176.41	5.46	6.95	188.81	8.01	176.15	0.00	14.53	185.85	182.23	-34.17	524.72	0.00	0.43	524.72	61.22	10.83	596.77	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 132Kv BBLR-Rahuri Line & Sangmner-BBLR line overload, ELR carried out due to 50MVA TF Kopergaon overload.2) ELR carried out due 400Kv Chakan- Talegaon line overload.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Feb/2024

Position as on 6.30 Hrs of 28/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						
Total Capacity PLANNED OUTAGE		398						
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	28/02/2024	08:27	Suspected Boiler Tube Leakage	28/02/2024
Total Capacity MSPGCL		438						
IPP								
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		270						
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		1028						
FORCED OUTAGE DUE TO NO PPA								
IPP								
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/Tripping for 27/Feb/2024

Statement-VII

Position as on 6.30 Hrs of 28/Feb/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY - 402 OF BUS REACTOR @ ALKUD	IntraState	27/02/2024	10:43	27/02/2024	12:43	PO	Routine maintenance 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.
MAIN BAY (403) of 500 MVA ICT @ ALKUD	IntraState	27/02/2024	14:00	27/02/2024	16:56	PO	Routine maintenance work
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 1	InterState	27/02/2024	17:06	27/02/2024	21:59	T	Tripped on overvoltage , Y-Bph. optd
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
KORADI II - IEPL	IntraState	27/02/2024	11:31	27/02/2024	20:49	PO	LINE MAINT. WORKS
TBC @ BABHALESHWAR	IntraState	27/02/2024	16:24	27/02/2024	18:56	PO	CB DCRM/Timing testing work
LONIKAND 2 - KARJAT CKT - 2	IntraState	27/02/2024	17:16	27/02/2024	17:47	T	Tripped on distance protection
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 - 1 @ LAMBOTI	IntraState	27/02/2024	10:36	27/02/2024	15:20	PO	For testing of healthiness NIFPS of 400 KV ICT-1
STATION TF No 4 @ CHANDRAPUR GCR	IntraState	27/02/2024	11:26	27/02/2024	18:20	PO	1.Measurement of CB timing, CRM, DCRM. 2. STN-4 will be in service via TBC-2
400/220 KV 500 MVA ICT @ ALKUD	IntraState	27/02/2024	18:48	27/02/2024	22:51	PO	Routine maintenance work
400 KV BR Outages/Trippings							

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Feb/2024

Statement-VII

Position as on 6.30 Hrs of 28/Feb/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400KV 125MVAR BUS REACTOR @ KARAD	IntraState	06/01/2024	11:55			PO	Existing 125 MVAR Reactor CB Have mechanical problem and need to replace
BUS REACTOR (125MVA _r) @ WARORA	IntraState	27/02/2024	10:28	27/02/2024	16:27	PO	Tan Delta of HV Bushing.
220 KV MAINBAY Outages/Trippings							
220KV AMALNER - JPL CKT 1	IntraState	27/02/2024	14:00	27/02/2024	23:16	EO	Installation of dedicated metering CTS and PT
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.
PARLI (OLD GCR) - PARLI (PG) CKT 2	IntraState	27/02/2024	10:17	27/02/2024	19:43	EO	Work at PGCIL end
POPHALI - KDPH	IntraState	27/02/2024	11:15	27/02/2024	19:10	PO	Back up relay commissioning work
220 KV DEEPNAGAR - VIRODA	IntraState	27/02/2024	16:41	27/02/2024	18:40	EO	To attend Hot Spot
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
220/132-110KV 200MVA ICT 2 @ MIRAJ	IntraState	27/02/2024	10:15	27/02/2024	17:13	PO	Diagnostic Testing Work
220/33KV 50MVA PTR 1 @ MIRAJ	IntraState	27/02/2024	10:30	27/02/2024	14:17	PO	Chemical Washing of Insulator String
220/100 KV 125 MVA ICT 2 @ JAMBHUL	IntraState	27/02/2024	10:47	27/02/2024	18:47	PO	145kV Areva Make LV CB Operating Mechanism Overhauling & Cabinet replacement alongwith rewiring and testing work by agency.
220/132 KV 100 MVA ICT 1 @ SAWANGI	IntraState	27/02/2024	14:06	27/02/2024	21:38	PO	To attend Oil Leakage
220/33 KV 50MVA T/F - 2 @ MIRAJ	IntraState	27/02/2024	14:20	27/02/2024	16:25	PO	Chemical Washing of Insulator String
220/132 KV 200MVA ICT 2 @ DHULE	IntraState	27/02/2024	14:47	27/02/2024	18:04	PO	Testing work
220/132 KV 100 MVA ICT 1	IntraState	27/02/2024	16:26	27/02/2024	21:22	PO	Replacement of LV side Y phase CT
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