

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Feb/2024 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	181.409	4850.364	1) Gujrat	4.620	16.416
2) Hydro	6.055	210.252	2) Madhya Pradesh	5.862	169.966
3) Gas	6.817	197.638	3) Chattisgarh	3.910	110.140
Total MSPGCL	194.281	5258.254	4) Maharashtra	164.730	4960.666
B) 1) APLM	60.341	1858.289	5) Goa (Amona)	-2.227	-51.746
2) JSWEL	27.350	734.200	Total	176.895	5205.442
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.418	843.112
4) RPL(AMT)	31.345	911.839	b) Mumbai Drawl	36.095	954.963
5) SWPGPL	12.366	357.407	c) MSEDCL Bilateral *	86.016	2422.600
6) Other IPP	47.778	1375.114	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.418	843.109
C) 1) TPCL Thermal	11.106	268.474	Include PX	0.000	0.000
2) TPCL Hydro	4.126	95.699	Standby	0.000	0.003
3) TPCL Gas	3.499	96.604	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.518	282.110	1) MSEDCL	529.353	15166.200
D) STATE			2) Mumbai Discoms	65.344	1697.740
1) Thermal	382.213	10637.797	3) Other Discoms	10.788	304.938
(A1+C1+C4+(B1-B6))			TOTAL STATE	605.485	17168.878
2) Hydro	10.181	305.951			
(A2+C2)					
3) Gas	10.316	294.242			
(A3+B7+C3)					
4) Wind	9.974	263.273			
6) SOLAR	15.906	462.283			
TOTAL STATE	428.590	11963.546			

* 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	7384	7390	8102	7060
MSPGCL Hydro	270	229	578	170
MSPGCL Gas	278	267	282	294
MSPGCL Total Generation	7932	7886	8962	7524
Central Sector Receipt	9039	8829	7174	6145
WIND	413	111	343	630
CPP / IPP Thermal	7309	7230	8002	7358
CPP / IPP Gas	0	0	0	0
SOLAR	2005	1382	0	0
Exchange with Mumbai	-1934	-1857	-1463	-1033
MSEDCL DEMAND MET	24273	23104	22545	20262
Load Shedding	0	0	0	0
MSEDCL DEMAND	24273	23104	22545	20262
TPCL GENERATION	831	926	1128	515
AEML GENERATION	444	471	480	299
MUMBAI DEMAND	3209	3254	3071	1847
OTHER DISCOM DEMAND	491	477	473	362
STATE DEMAND MET	27973	26835	26089	22471
STATE DEMAND	27973	26835	26089	22471
Frequency (Hz)	50.00	49.97	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.27 Hz at 07.59 Hrs	49.81 Hz at 14.22 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 29/Feb/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.26	125.51	185	155
Unit 8	14.59	423.53	649	562
Unit 9	12.82	379.14	569	513
Unit 10	13.18	391.46	586	525
Total	44.85	1319.64		
Bhusawal				
Unit 3	3.46	100.52	180	120
Unit 4	9.92	214.65	500	290
Unit 5	10.70	267.68	500	285
Total	24.08	582.84		
Parli				
Unit 6	3.84	118.88	250	138
Unit 7	3.85	117.23	238	144
Unit 8	3.82	118.29	231	143
Total	11.51	354.40		
Chandrapur				
Unit 3	3.29	95.58	153	124
Unit 4	3.47	90.93	170	122
Unit 5	8.20	244.01	425	275
Unit 6	8.49	120.95	440	275
Unit 7	8.52	221.06	447	290
Unit 8	9.61	275.64	425	285
Unit 9	11.02	313.80	497	280
Total	52.60	1361.97		
Paras				
Unit 3	5.67	159.66	243	230
Unit 4	6.03	167.35	257	236
Total	11.70	327.01		
Khaparkheda				
Unit 1	4.12	113.48	185	150
Unit 2	4.58	66.84	202	172
Unit 3	4.10	102.29	174	151
Unit 4	4.45	110.65	196	171
Unit 5	11.91	324.26	500	493
Total	29.17	717.52		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.96	105.03	182	123
Unit 5	3.53	81.95	161	119
Total	7.49	186.98		
Uran				
All Units	6.82	197.64	298	266
Total	6.82	197.64		
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	2.25	0	0
Total	0.00	2.25		
Koyna				
Stage 1-2	1.48	48.33	330	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	17.02	0	0
Stage 3	0.22	15.21	80	0
Total	1.71	80.56		
Hydro				
KDPH	0.86	25.06	36	36
VTRNA	0.70	7.18	60	0
TILLARI	0.50	8.46	62	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.16	73.85	92	82
GHATGHAR	0.13	12.90	110	0
Total	4.35	127.45		
Wind				
Total	9.97	263.27	0	0
Total	9.97	263.27		
CPP				
APML(Mus)	60.34	1858.29	0	0
JSWEL(Mus)	27.35	734.20	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.34	911.84	0	0
SWPGPL-Mus	12.37	357.41	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.47	146.34	268	193
Other(Mus)	37.78	1146.86	0	0
JPL	4.53	81.92	202	185
Total	179.18	5236.85		
SOLAR				
Total	15.91	462.28	0	0
Total	15.91	462.28		
Tata				
Trombay 5	7.52	224.19	393	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.09	58.20	107	59
Trombay 7B	1.41	38.41	66	50
TATA Hydro	4.13	95.70	408	5
Trombay 8	3.59	44.28	221	128
Total	18.73	460.78		
AEML				
DTPS U-1&2	10.52	282.11	497	299
Total	10.52	282.11		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	181.41	4850.36
MSPGCL Thml+Gas	188.23	5048.00
MSPGCL Hydro	6.06	210.25

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	194.28	5258.25
Koyna 1,2 & 4 Total	1.48	65.34
State Total	428.59	11963.55

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	7365	167	294	7826	460	7355	0	0	7001	6313	-1333	20212	0	0	20212	2266	409	22887	49.99
2	7339	163	294	7796	642	7296	0	0	6915	6384	-1235	20486	0	0	20486	2123	397	23006	50.03
3	7224	180	294	7698	713	7351	0	0	6608	6122	-1160	20352	0	0	20352	2009	372	22733	49.99
4	7060	170	294	7524	630	7358	0	0	6527	6145	-1033	20262	0	0	20262	1847	362	22471	49.97
5	7190	175	296	7661	663	7369	0	0	6589	6456	-1062	20701	0	0	20701	1937	386	23024	49.98
6	7847	233	297	8377	610	7666	0	0	6672	6324	-936	21629	0	0	21629	2040	412	24081	50.00
7	8190	273	298	8761	607	8195	0	6	6592	6210	-922	22415	0	0	22415	2216	442	25073	50.00
8	8289	430	296	9015	524	8313	0	258	6629	6520	-898	23285	0	0	23285	2421	447	26153	50.05
9	8048	386	298	8732	457	8003	0	863	7603	7168	-1381	23364	0	14	23364	2723	478	26565	50.09
10	7358	319	285	7962	405	7354	0	1434	8694	8767	-1735	23701	0	25	23701	3005	486	27192	50.00
11	7384	270	278	7932	413	7309	0	2005	9421	9039	-1934	24273	0	24	24273	3209	491	27973	50.00
12	6897	245	278	7420	379	7249	0	2277	9142	9037	-2046	23829	0	24	23829	3285	487	27601	49.99
13	6757	231	271	7259	357	6998	0	2356	8985	8501	-2012	22985	0	1	22985	3257	474	26716	49.98
14	6631	228	267	7126	186	6546	0	2237	8989	8857	-1938	22551	0	0	22551	3148	463	26162	50.04
15	6872	268	266	7406	132	6872	0	1887	9072	9112	-1941	23010	0	0	23010	3207	458	26675	49.93
16	7390	229	267	7886	111	7230	0	1382	9047	8829	-1857	23104	0	0	23104	3254	477	26835	49.97
17	7748	231	268	8247	155	7314	0	879	8625	8333	-1762	22686	0	0	22686	3207	480	26373	50.00
18	8056	298	269	8623	280	7444	0	307	7912	7283	-1707	21751	0	0	21751	3137	479	25367	50.05
19	7992	298	273	8563	382	7637	0	15	7630	7293	-1633	21769	0	0	21769	3096	488	25353	49.99
20	8102	578	282	8962	343	8002	0	0	7294	7174	-1463	22545	0	0	22545	3071	473	26089	50.00
21	7964	172	285	8421	358	7673	0	0	6921	6967	-1506	21458	0	0	21458	2900	455	24813	50.03
22	7983	171	287	8441	393	7495	0	0	6801	6788	-1494	21171	0	0	21171	2751	452	24374	49.98
23	7919	170	289	8378	393	7607	0	0	6914	6545	-1553	20901	0	0	20901	2656	469	24026	49.98
24	7804	170	291	8265	381	7544	0	0	7053	6728	-1554	20912	0	0	20912	2579	452	23943	50.01
MUs	181.41	6.06	6.82	194.28	9.97	179.18	0.00	15.91	183.64	176.89	-36.10	529.35	0.00	0.09	529.35	65.34	10.79	605.49	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 50MVA 220/33kV TF 1 & 2 are Overload at 132kV Kopergaon s/s.
- 2) ELR Carried out due to 132kv BBLR-Rahuri line overload.

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Feb/2024

Position as on 6.30 Hrs of 01/Mar/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	Koyana Unit 11	80	10/07/2023	09:40		Continued.	Capital Overhaul	08/03/2024
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	Ghatghar Unit-1	125	28/02/2024	22:00		Continued.	GM Link Fault	
Total Capacity MSPGCL		353						
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		673						
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/Trippings for 29/Feb/2024

Statement-VII

Position as on 6.30 Hrs of 01/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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							
400KV-PARLI NEW-PARLI-M-1	InterState	29/02/2024	11:10	29/02/2024	14:46	HT	Annual Maintenance work.
KUDUS - KALA CKT - 2	InterState	29/02/2024	11:51	29/02/2024	16:01	PO	For AMP works // OCC // 16.02.2024// Sr. No. 1584
DHULE - SSSNL CKT - 1	InterState	29/02/2024	17:09	29/02/2024	21:13	T	Tripped on overvoltage
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
BABHALESHWAR - PADGHE CKT - 2	IntraState	28/02/2024	23:40	29/02/2024	02:25	HT	Emergency outage for Hardware tightening work.
JEJURI - KARAD	IntraState	29/02/2024	12:48	29/02/2024	20:09	PO	For Maintenance & Testing work
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 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 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							
220KV AMALNER - JPL CKT 1	IntraState	28/02/2024	11:58	29/02/2024	23:57	EO	To carry out the remaining excavation work for civil foundation for installation of dedicated metering CTS & PT of JPL Ckt 1
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.
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	28/02/2024	11:26			PO	220 kV Tata (Borivali) - 4 Circuit Breaker Mechanism overhauling work to be carried by M/s. TATA.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Feb/2024

Statement-VII

Position as on 6.30 Hrs of 01/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KARAD - DASGAON	IntraState	28/02/2024	18:03			PO	For Erection & Stringing of In-line narrow base multi circuit tower (Loc No.150,151 & 152) of New 220kV Karad-Koyana line
SAHARA-URSE	IntraState	28/02/2024	23:31	29/02/2024	05:14	HT	H/T for outage of 220kV Urse-Talegaon Ambi ckt-2
URSE - TALEGAON (AMBI) CKT 2	IntraState	28/02/2024	23:50	29/02/2024	05:04	PO	Replacement of PID faulty string at Loc no. 20 & 30.
220 KV CHANDRAPUR - 2 - CHANDRAPUR MIDC CKT	IntraState	29/02/2024	11:17	29/02/2024	14:11	PO	Relay testing work.
LONIDEOKAR TAP ON WALCHANDNAGAR- BHIGWAN CKT	IntraState	29/02/2024	11:55	29/02/2024	19:17	PO	R Ph flashover insulator string replacement at CP Loc. 62
NANDED CITY-FLAGSHIP	IntraState	29/02/2024	13:30	29/02/2024	18:57	PO	Cold washing of Insulators from loc 40 to 62
CHANDRAPUR MIDC - BALLARSHAH CKT II	IntraState	29/02/2024	14:18	29/02/2024	17:39	PO	Relay testing work
MIRAJ - MHAISHAL	IntraState	29/02/2024	15:59	29/02/2024	20:10	PO	Fixing of turbine ventilator type Bird Guard
MALHARPETH SATARA MIDC	IntraState	01/03/2024	02:11	01/03/2024	03:20	T	Tripped due to Bph. CC burst of 220kV Karad-Malharpeth line at Malharpeth S/S
MALHARPETH - KARAD	IntraState	01/03/2024	02:11	01/03/2024	07:09	T	Tripped due to Bph. CC burst at Malharpeth S/S.
LONAND - KANDALGAON (SONA ALLOY TAP)	IntraState	01/03/2024	08:18			PO	Replacement of damaged conductor & Conductor restringing 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.
220/132KV 100MVA ICT 3 @ PANDHARPUR	IntraState	21/02/2024	10:23			PO	AUGUMENTATION OF ICT 3 FROM 100MVA ICT TO NEW 200MVA ICT
220 / 110 / 33kV 250MVA ICT 2 @ BORIVALI (TATA)	IntraState	28/02/2024	09:52	29/02/2024	22:11	PO	Project work 33kV Cable Replacement
220/132 KV 100 MVA ICT 1 @ BALAPUR	IntraState	29/02/2024	08:55	29/02/2024	20:05	PO	OLTC Overhauling and NIFPS Maintenance work at 220kV Balapur ss.
220/132-110/11KV 200MVA ICT 3 @ MIRAJ	IntraState	29/02/2024	10:20	29/02/2024	12:10	PO	Chemical Washing of Insulator Strings
220/132KV 100MVA ICT - 2 @ KALWAN	IntraState	29/02/2024	11:46	29/02/2024	15:52	PO	For quarterly maintenance work
220/132KV 100 MVA ICT 2 @ HINGOLI	IntraState	29/02/2024	14:05	29/02/2024	16:25	PO	Replacement of Top Stack of H.V. Side L.A.
100 MVA 220/132 KV ICT - II	IntraState	29/02/2024	14:39	29/02/2024	18:55	PO	Attend oil leakage problem from neutral bushing.
220 / 110 / 33kV 250MVA ICT 3 @ BORIVALI (TATA)	IntraState	01/03/2024	07:45			PO	110KV Load will be fed by ICT 1, 2, Borivali Malad 1,2 BO BO 2, KOL BMC BO1
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 PAREL 3 / CARNAC 2	IntraState	17/02/2024	10:35			PO	Project work for replacement of cable section
TROMBAY CARNAC 1 / 3	IntraState	17/02/2024	10:35			PO	Project work for replacement of cable section

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Feb/2024

Statement-VII

Position as on 6.30 Hrs of 01/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KHOPOLI - BHIVPURI CKT - 2	IntraState	29/02/2024	07:39	29/02/2024	19:15	PO	1. Tower cable section 110 KV porcelain type LA replacement by Polymeric type LA

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