

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Apr/2024 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	189.699	5259.765	1) Gujrat	5.988	93.709
2) Hydro	16.794	425.582	2) Madhya Pradesh	9.161	322.896
3) Gas	7.659	224.464	3) Chattisgarh	2.620	109.640
Total MSPGCL	214.152	5909.811	4) Maharashtra	198.197	5640.910
B) 1) APML	63.814	1983.895	5) Goa (Amona)	-2.077	-76.934
2) JSWEL	21.262	787.220	Total	213.889	6090.221
3) VIPL	0.000	0.000	a) Mumbai Schedule	41.523	1145.648
4) RPL(AMT)	31.428	924.214	b) Mumbai Drawl	44.268	1226.491
5) SWPGPL	11.135	328.222	c) MSEDCL Bilateral *	103.490	2676.845
6) Other IPP	19.591	672.890	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	41.523	1145.648
C) 1) TPCL Thermal	14.983	389.096	Include PX	0.000	0.000
2) TPCL Hydro	6.471	149.316	Standby	0.000	0.000
3) TPCL Gas	4.135	120.589	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.308	296.630	1) MSEDCL	555.517	16008.662
D) STATE			2) Mumbai Discoms	81.165	2182.119
1) Thermal	363.220	10641.932	3) Other Discoms	11.563	328.184
(A1+C1+C4+(B1-B6))			TOTAL STATE	648.245	18518.965
2) Hydro	23.265	574.898			
(A2+C2)					
3) Gas	11.794	345.053			
(A3+B7+C3)					
4) Wind	18.592	390.313			
6) SOLAR	17.485	476.551			
TOTAL STATE	434.356	12428.747			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	7083	8003	8431	7360
MSPGCL Hydro	494	664	738	252
MSPGCL Gas	267	270	277	288
MSPGCL Total Generation	7844	8937	9446	7900
Central Sector Receipt	10273	10024	8447	8670
WIND	462	600	875	818
CPP / IPP Thermal	5062	5816	6733	5865
CPP / IPP Gas	0	0	0	0
SOLAR	2288	1555	0	555
Exchange with Mumbai	-2304	-2253	-1771	-1656
MSEDCL DEMAND MET	23104	24163	23178	21670
Load Shedding	0	0	0	0
MSEDCL DEMAND	23104	24163	23178	21670
TPCL GENERATION	1060	1267	1275	704
AEML GENERATION	504	504	414	407
MUMBAI DEMAND	3868	4024	3460	2767
OTHER DISCOM DEMAND	521	515	552	482
STATE DEMAND MET	27493	28703	27190	24919
STATE DEMAND	27493	28703	27190	24919
Frequency (Hz)	50.01	50.00	50.02	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.31 Hz at 18.03 Hrs	49.84 Hz at 05.15 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 30/Apr/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.34	111.67	190	145
Unit 8	14.36	421.10	609	582
Unit 9	13.99	419.23	601	500
Unit 10	14.28	300.61	625	576
Total	46.97	1252.61		
Bhusawal				
Unit 3	3.30	106.17	155	120
Unit 4	10.36	256.86	500	295
Unit 5	9.69	286.12	460	295
Total	23.35	649.16		
Parli				
Unit 6	4.36	131.44	242	143
Unit 7	4.39	134.96	238	144
Unit 8	4.26	119.77	240	142
Total	13.01	386.18		
Chandrapur				
Unit 3	3.49	87.69	160	125
Unit 4	3.73	100.89	170	125
Unit 5	9.06	238.36	430	275
Unit 6	8.67	252.95	415	275
Unit 7	9.84	263.82	481	286
Unit 8	10.47	271.61	460	337
Unit 9	11.31	343.16	497	445
Total	56.57	1558.48		
Paras				
Unit 3	5.42	149.42	245	174
Unit 4	5.62	160.62	253	174
Total	11.03	310.04		
Khaparkheda				
Unit 1	3.82	113.06	175	145
Unit 2	4.44	128.13	202	162
Unit 3	4.10	120.62	177	153
Unit 4	4.50	118.59	195	176
Unit 5	11.53	310.95	495	465
Total	28.37	791.35		
Nasik				
Unit 3	3.91	98.82	180	126
Unit 4	2.80	106.51	189	0
Unit 5	3.68	106.63	171	123
Total	10.39	311.96		
Uran				
All Units	7.66	224.46	473	266
Total	7.66	224.46		
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)	0.12	6.72	45	0
Total	0.12	6.72		
Koyna				
Stage 1-2	2.58	95.70	415	35

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	8.13	151.49	1010	0
Stage 3	2.23	54.22	248	0
Total	12.94	301.40		
Hydro				
KDPH	0.74	24.00	31	31
VTRNA	0.89	24.86	61	0
TILLARI	0.00	3.08	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.22	65.63	97	85
GHATGHAR	0.00	6.61	0	0
Total	3.85	124.18		
Wind				
Total	18.59	390.31	0	0
Total	18.59	390.31		
CPP				
APML(Mus)	63.81	1983.90	0	0
JSWEL(Mus)	21.26	787.22	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.43	924.21	0	0
SWPGPL-Mus	11.14	328.22	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.77	161.61	268	207
Other(Mus)	8.51	378.79	0	0
JPL	5.30	132.49	270	184
Total	147.23	4696.44		
SOLAR				
Total	17.48	476.55	0	0
Total	17.48	476.55		
Tata				
Trombay 5	9.90	254.89	470	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	75.11	108	106
Trombay 7B	1.56	45.48	65	64
TATA Hydro	6.47	149.32	433	104
Trombay 8	5.09	134.20	233	134
Total	25.59	659.00		
AEML				
DTPS U-1&2	11.31	296.63	504	359
Total	11.31	296.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	189.70	5259.76	MSPGCL Total	214.15	5909.81
			MSPGCL Thml+Gas	197.36	5484.23	Koyna 1,2 & 4 Total	10.71	247.18
			MSPGCL Hydro	16.79	425.58	State Total	434.36	12428.75

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Apr/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	8136	1838	379	10353	641	6815	0	0	8228	9078	-1683	24775	0	0	24775	3400	429	28604	50.01
2	8181	1732	417	10330	769	6805	0	0	8068	8343	-1494	24363	0	0	24363	3133	390	27886	50.01
3	7923	1618	471	10012	896	6518	0	0	7987	8443	-1391	24111	0	0	24111	2919	367	27397	49.98
4	7879	1350	471	9700	1014	6419	0	0	7858	7454	-1505	22714	0	0	22714	2763	368	25845	49.97
5	7941	1229	473	9643	989	6191	0	0	7909	7722	-1448	22694	0	0	22694	2684	402	25781	49.96
6	8073	935	472	9480	981	6372	0	0	8002	7920	-1246	23086	0	0	23086	2690	422	26197	49.93
7	8241	351	300	8892	1028	6708	0	106	8449	8794	-1186	23871	0	0	23871	2675	471	27017	50.00
8	7360	252	288	7900	818	5865	0	555	8983	8670	-1656	21670	0	0	21670	2767	482	24919	50.04
9	6965	208	287	7460	903	5107	0	1210	9485	9360	-2000	21549	0	1	21549	3078	491	25118	49.99
10	7507	180	277	7964	795	5108	0	1761	9764	9405	-2195	22338	0	8	22338	3429	500	26267	49.99
11	7182	230	270	7682	646	5070	0	2113	10284	10089	-2184	22900	0	9	22900	3730	516	27146	49.99
12	7083	494	267	7844	462	5062	0	2288	10350	10273	-2304	23104	0	15	23104	3868	521	27493	50.01
13	7349	417	267	8033	358	5073	0	2331	10115	10115	-2312	23072	0	36	23072	3926	525	27524	50.08
14	7364	400	266	8030	412	5123	0	2240	10073	9862	-2226	22943	0	21	22943	3885	498	27326	50.05
15	7676	486	269	8431	470	5514	0	1972	10489	9900	-2218	23559	0	36	23559	3949	510	28018	50.02
16	8003	664	270	8937	600	5816	0	1555	10551	10024	-2253	24163	0	37	24163	4024	515	28703	50.00
17	8083	626	269	8978	639	6371	0	929	10102	9781	-2219	23958	0	27	23958	3943	521	28422	50.04
18	8314	537	270	9121	649	6648	0	378	9381	8708	-2095	22881	0	33	22881	3750	527	27159	50.03
19	8266	389	272	8927	712	6649	0	47	9058	8582	-1972	22391	0	12	22391	3512	554	26457	50.07
20	8431	738	277	9446	875	6733	0	0	8774	8447	-1771	23178	0	0	23178	3460	552	27190	50.02
21	8452	363	280	9095	927	6794	0	0	8643	8258	-1658	22879	0	0	22879	3372	537	26788	50.05
22	8418	217	280	8915	1007	6804	0	0	8436	8298	-1667	22843	0	0	22843	3340	513	26697	50.04
23	8419	555	283	9257	954	6818	0	0	8503	8405	-1798	23149	0	0	23149	3415	487	27051	50.02
24	8453	985	284	9722	1047	6849	0	0	8312	7958	-1787	23326	0	0	23326	3453	464	27242	50.04
MUs	189.70	16.79	7.66	214.15	18.59	147.23	0.00	17.48	217.80	213.89	-44.27	555.52	0.00	0.24	555.52	81.16	11.56	648.25	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)132 KV BBLR TO Rahuri line over Load Alarm 488 AMP/103.13 MW

2)DLS done as per instruction of 220kv Alephata ss for load management on 220kv BBLR Alephata Line and ICT Loading

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Apr/2024

Position as on 6.30 Hrs of 01/May/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	31/08/2024
MSPGCL	Nasik Unit 4	210	28/04/2024	08:40	30/04/2024	06:41	ID Fan Problem	30/04/2024
MSPGCL	Uran Unit 6	108	29/04/2024	23:34	30/04/2024	01:05	DUE TO BOILER PROTECTION MALFUNCTION.	
MSPGCL	Koradi Unit 8	660	01/05/2024	01:46	01/05/2024	08:24	For attending hotspot on Yph line isoator 425-89 L of GT_8 at 400 KV Koradi II Substation.	01/05/2024
Total Capacity MSPGCL		1098						
IPP								
IPP	JSW (J) U3	300	27/04/2024	23:52	01/05/2024	01:45	CW Duct heavy leakage.	30/04/2024
Total Capacity IPP		300						
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.	31/08/2024
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.	30/09/2024
Total Capacity CENT.SECTOR		320						
Total Capacity FORCED OUTAGE		1718						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 6	108	30/04/2024	05:59		Continued.	Zero schedule	
MSPGCL	Uran Unit 5	108	30/04/2024	06:16		Continued.	Zero schedule	
Total Capacity MSPGCL		216						
Total Capacity UNIT UNDER ZERO SCHEDULE / RSD		216						
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						

* Other generator generating power instead of contracted genertaor with tri-party agreement in between generatos & discom (Case-IV bidding)

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Apr/2024

Statement-VII

Position as on 6.30 Hrs of 01/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
PADGHE (GIS) PG - KUDUS CKT - 1	InterState	30/04/2024	15:26	30/04/2024	16:33	T	Tripped on distance protection.
BUS REACTOR (50MVAR) @ PARLI	IntraState	27/09/2023	15:30			PO	Replacement of old 50 MVAR bus reactor by new 125 MVAR bus reactor.
CHANDRAPUR 2 - WARORA CKT-1	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
CHANDRAPUR 2 - WARORA CKT-2	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	23/04/2024	09:38			HT	For load management.
BABHALESHWAR - PADGHE CKT-1	IntraState	27/04/2024	09:26			PO	1)Replacement of A Bus All Phase PG Isolator under LES Scheme. 2) Line will be in service on TBC.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	29/04/2024	10:59	30/04/2024	05:47	HT	For load management
220 KV DEEPNAGAR (400 KV) - BAMBHORI CKT	IntraState	30/04/2024	06:02	30/04/2024	11:56	PO	Attending Hotspot, Loose nut bolts by tightening of jumper nutbolts of R-Y-B Phase at various location and repairing/ Strengthening of broken stands of earthwire at Loc no. 7A, 8, 24.
KORADI-NANDGAONPETH (RPL)	IntraState	30/04/2024	06:15	30/04/2024	12:25		For reactor bushing tan delta, winding resistance test & isolator routine maintenance work of 400KV Koradi 1, RPL Line bay.
KORADI-NANDGAONPETH (RPL)	IntraState	30/04/2024	06:15	30/04/2024	12:25	PO	REPALCEMENT OF FAULTY STRINGS AND LINES MAINT. WORKS
NAGOTHANE - DABHOL CKT - 2	IntraState	30/04/2024	08:56	30/04/2024	09:30	T	Tripped from Dhabol end only
PARLI - KARJAT CKT - 1	IntraState	30/04/2024	23:36	01/05/2024	04:03	EO	Distance relay testing in view of non operation of auto reclose on Dt.26.04.2024.
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 - 3 @ VIKHROLI GIS	IntraState	10/02/2024	17:40			HT	H/T For LV only.
400/220/33 KV 315MVA ICT - 1 @ AKOLA	IntraState	30/04/2024	16:43	30/04/2024	20:25	EO	NIFPS work (Fire detection trip indication on B-phase)
220 KV TIEBAY Outages/Trippings							
220 KV PT I	IntraState	25/04/2024	08:48	30/04/2024	14:34	HT	Replacement of pts under les scheme.
220 KV MAINBAY Outages/Trippings							
220KV BUS SECTION BAY @ PEDAMBE	IntraState	03/04/2024	15:55			T	Tripped due to Y ph CT burst
220 KV LINE Outages/Trippings							
KHARGHAR - ULWE GIS CKT-1	IntraState	19/04/2024	15:22			T	Wavetrap uncoiled at Kharghar end
ABHIJEET-WARDHA-1	IntraState	30/04/2024	08:29	30/04/2024	11:07	PO	Measurement of Tan delta of CT work.
PARLI NEW TPS - BEED CKT 2	IntraState	30/04/2024	09:36	30/04/2024	21:08	PO	Distance protection relay retrofitting
BALAPUR-AKOLA I	IntraState	30/04/2024	09:51	30/04/2024	13:45	PO	Flashover disc replacement work for Loc no 56 R phase & Loc no. 78 R phase
NERLE - PEDAMBE	IntraState	30/04/2024	13:18	30/04/2024	17:37	PO	For nut bolt tightening work, monkey patrolling and other line maintenance work.
BUTIBORI-ABHIJEET	IntraState	30/04/2024	13:51	30/04/2024	15:14	PO	Diagnostic testing work.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Apr/2024

Statement-VII

Position as on 6.30 Hrs of 01/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
RAYMOND - WASHALA	IntraState	01/05/2024	06:32			T	Distance Protection
220 KV ICT Outages/Trippings							
220/33KV 25MVA PTR 2 @ NEW KOYNA	IntraState	25/04/2024	08:44	30/04/2024	16:55	PO	Replacement of Diaphragm (oil leakage found) of OLTC ,Radiator valve repairing work,33 KV Neutral bushing gasket replacement ,Oil filtration etc
220/132 KV 200 MVA ICT 2 @ AKOLA	IntraState	30/04/2024	07:09	30/04/2024	12:26	PO	Repairing / Reconditioning & servicing of CTR make NIFP systems and Premansoon activities work.
220/100 KV 100 MVA ICT 1 @ TALOJA	IntraState	30/04/2024	09:10	30/04/2024	16:08	PO	For attending oil leakage from Top body of ICT, Radiator valve, from conservator tank to main tank etc..
132 KV LINE Outages/Trippings							
KANHAN-PENCH	IntraState	01/05/2024	06:22			PO	For earthwire replacement & routine maintenance work
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