

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/May/2024 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	166.402	2067.314	1) Gujrat	-4.648	17.285
2) Hydro	11.892	199.239	2) Madhya Pradesh	8.361	88.862
3) Gas	6.828	83.134	3) Chattisgarh	7.110	49.470
Total MSPGCL	185.122	2349.687	4) Maharashtra	175.357	2253.186
B) 1) APML	64.727	768.486	5) Goa (Amona)	-1.506	-23.169
2) JSWEL	25.626	332.336	Total	184.674	2385.634
3) VIPL	0.000	0.000	a) Mumbai Schedule	38.070	500.967
4) RPL(AMT)	31.488	369.406	b) Mumbai Drawl	39.178	520.708
5) SWPGPL	12.078	146.270	c) MSEDCL Bilateral *	67.953	1026.327
6) Other IPP	14.073	215.300	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	38.070	500.967
C) 1) TPCL Thermal	10.544	141.981	Include PX	0.000	0.000
2) TPCL Hydro	2.013	55.571	Standby	0.000	0.000
3) TPCL Gas	4.056	44.952	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.650	118.818	1) MSEDCL	489.529	6316.613
D) STATE			2) Mumbai Discoms	66.441	882.024
1) Thermal	335.588	4159.911	3) Other Discoms	10.940	136.260
(A1+C1+C4+(B1-B6))			TOTAL STATE	566.910	7334.897
2) Hydro	13.905	254.810			
(A2+C2)					
3) Gas	10.884	128.086			
(A3+B7+C3)					
4) Wind	9.386	197.593			
6) SOLAR	12.473	208.869			
TOTAL STATE	382.236	4949.269			

* 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	6407	7001	7310	6564
MSPGCL Hydro	203	231	784	442
MSPGCL Gas	277	279	283	290
MSPGCL Total Generation	6887	7511	8377	7296
Central Sector Receipt	8527	8591	7938	7597
WIND	302	411	312	199
CPP / IPP Thermal	5292	6120	6248	5656
CPP / IPP Gas	0	0	0	0
SOLAR	1730	949	0	449
Exchange with Mumbai	-1713	-1855	-1806	-1269
MSEDCL DEMAND MET	20563	21250	20564	19488
Load Shedding	0	0	0	0
MSEDCL DEMAND	20563	21250	20564	19488
TPCL GENERATION	649	616	618	842
AEML GENERATION	416	497	400	304
MUMBAI DEMAND	2778	2968	2824	2415
OTHER DISCOM DEMAND	462	477	505	440
STATE DEMAND MET	23803	24695	23893	22343
STATE DEMAND	23803	24695	23893	22343
Frequency (Hz)	49.96	50.03	49.97	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.17 Hz at 14.01 Hrs	49.8 Hz at 22.24 Hrs	49.99	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 12/May/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.03	42.73	19	0
Unit 8	14.48	90.34	659	520
Unit 9	13.41	166.56	593	524
Unit 10	14.38	168.26	615	577
Total	42.30	467.89		
Bhusawal				
Unit 3	3.42	35.16	170	120
Unit 4	10.30	113.38	455	330
Unit 5	10.62	102.18	490	285
Total	24.33	250.72		
Parli				
Unit 6	4.38	54.22	250	144
Unit 7	4.34	52.34	248	144
Unit 8	4.28	54.02	250	143
Total	13.00	160.58		
Chandrapur				
Unit 3	3.58	42.74	160	125
Unit 4	3.66	44.09	166	128
Unit 5	6.84	102.73	420	150
Unit 6	7.60	97.38	390	255
Unit 7	8.88	109.57	425	291
Unit 8	10.21	125.06	455	400
Unit 9	10.74	133.56	470	414
Total	51.52	655.14		
Paras				
Unit 3	4.97	49.28	234	171
Unit 4	5.65	66.90	255	184
Total	10.62	116.18		
Khaparkheda				
Unit 1	3.69	41.96	170	110
Unit 2	4.31	49.12	207	149
Unit 3	3.82	45.97	176	135
Unit 4	3.90	44.45	193	115
Unit 5	0.00	111.97	0	0
Total	15.72	293.47		
Nasik				
Unit 3	3.75	38.41	177	120
Unit 4	1.52	42.58	165	0
Unit 5	3.65	42.34	172	122
Total	8.91	123.33		
Uran				
All Units	6.83	83.13	291	276
Total	6.83	83.13		
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)	0.42	3.80	53	0
Total	0.42	3.80		
Koyna				
Stage 1-2	4.26	43.82	525	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	2.58	82.41	748	0
Stage 3	1.48	28.35	160	0
Total	8.33	154.58		
Hydro				
KDPH	0.59	8.03	28	0
VTRNA	0.79	10.53	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.18	23.98	93	84
GHATGHAR	0.00	2.12	0	0
Total	3.56	44.66		
Wind				
Total	9.39	197.59	0	0
Total	9.39	197.59		
CPP				
APML(Mus)	64.73	768.49	0	0
JSWEL(Mus)	25.63	332.34	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.49	369.41	0	0
SWPGPL-Mus	12.08	146.27	0	0
Dhariwal	0.00	0.00	0	0
IEPL	4.09	63.11	214	162
Other(Mus)	6.45	88.82	0	0
JPL	3.53	63.37	198	129
Total	147.99	1831.80		
SOLAR				
Total	12.47	208.87	0	0
Total	12.47	208.87		
Tata				
Trombay 5	8.00	100.62	450	257
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	27.64	108	105
Trombay 7B	1.52	17.31	64	63
TATA Hydro	2.01	55.57	220	48
Trombay 8	2.54	41.36	169	93
Total	16.61	242.50		
AEML				
DTPS U-1&2	10.65	118.82	499	304
Total	10.65	118.82		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	166.40	2067.31	MSPGCL Total	185.12	2349.69
			MSPGCL Thml+Gas	173.23	2150.45	Koyna 1,2 & 4 Total	6.84	126.23
			MSPGCL Hydro	11.89	199.24	State Total	382.24	4949.27

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/May/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	7224	875	288	8387	725	6870	0	0	7088	7350	-1674	21225	0	0	21225	3060	433	24718	49.89
2	7157	1422	289	8868	752	6700	0	0	7221	7419	-1815	21516	0	0	21516	2891	408	24815	49.98
3	7151	1225	289	8665	658	6703	0	0	7113	7045	-1686	21001	0	0	21001	2725	384	24110	50.02
4	7089	898	290	8277	436	6727	0	0	7311	6933	-1585	20429	0	0	20429	2595	359	23383	49.99
5	7179	490	290	7959	427	6723	0	0	7076	6391	-1233	19896	0	0	19896	2531	371	22798	50.02
6	6883	383	291	7557	224	6666	0	0	7311	7265	-1163	20137	0	0	20137	2506	412	23055	49.97
7	6700	246	289	7235	349	6453	0	106	7607	7365	-1220	19848	0	6	19848	2438	440	22726	50.01
8	6564	442	290	7296	199	5656	0	449	7406	7597	-1269	19488	0	8	19488	2415	440	22343	50.02
9	6633	225	287	7145	155	5595	0	879	7694	7192	-1209	19280	0	1	19280	2471	477	22228	50.05
10	6321	159	282	6762	242	5213	0	1275	8331	7861	-1327	19561	0	0	19561	2559	465	22585	49.96
11	6219	164	281	6664	314	5182	0	1594	8378	8631	-1508	20388	0	0	20388	2695	489	23572	49.94
12	6407	203	277	6887	302	5292	0	1730	8491	8527	-1713	20563	0	0	20563	2778	462	23803	49.96
13	6234	438	276	6948	322	5178	0	1797	8523	8472	-1703	20556	0	0	20556	2859	458	23873	49.91
14	6598	407	276	7281	351	5279	0	1484	8469	8564	-1773	20718	0	0	20718	2882	468	24068	50.00
15	6883	328	279	7490	359	5629	0	1345	8665	8699	-1793	21270	0	0	21270	2936	459	24665	50.03
16	7001	231	279	7511	411	6120	0	949	8744	8591	-1855	21250	0	0	21250	2968	477	24695	50.03
17	6955	216	280	7451	463	6173	0	614	8184	7704	-1809	20106	0	0	20106	2888	491	23484	50.04
18	7034	224	282	7540	726	6165	0	218	7882	7389	-1806	19713	0	0	19713	2752	519	22984	50.01
19	7068	257	283	7608	427	5959	0	33	7955	7756	-1689	19586	0	0	19586	2694	508	22788	50.00
20	7310	784	283	8377	312	6248	0	0	8178	7938	-1806	20564	0	0	20564	2824	505	23893	49.97
21	7380	300	284	7964	340	6746	0	0	7984	7679	-1853	20380	0	0	20380	2891	496	23767	50.00
22	7329	365	287	7981	235	6759	0	0	7818	7603	-1870	20219	0	0	20219	2925	489	23633	50.00
23	7495	755	287	8537	292	6936	0	0	7438	7241	-1778	20761	0	0	20761	3017	467	24245	49.93
24	7588	855	289	8732	365	7020	0	0	7754	7462	-2041	21073	0	0	21073	3141	465	24679	50.00
MUs	166.40	11.89	6.83	185.12	9.39	147.99	0.00	12.47	188.62	184.67	-39.18	489.53	0.00	0.01	489.53	66.44	10.94	566.91	49.99

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) 132kv BBLR to Rahuri line over load.

State Load Despatch Center, Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 12/May/2024

Position as on 6.30 Hrs of 13/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	Koradi Unit 6	210	11/05/2024	01:18	12/05/2024	17:40	Boiler Tube Leakage	14/05/2024
MSPGCL	Khaparkheda Unit 5	500	11/05/2024	04:22		Continued.	Generator protection	15/05/2024
MSPGCL	Nasik Unit 4	210	11/05/2024	11:53	12/05/2024	12:58	BTL in economizer zone	13/05/2024
MSPGCL	Koradi Unit 6	210	12/05/2024	18:31		Continued.	GS WATER TANK LOW	13/05/2024
Total Capacity MSPGCL		1250						
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		1570						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 6	108	06/05/2024	23:54		Continued.	Zero Schedule given by MSEDCL	
MSPGCL	Uran Unit 5	108	09/05/2024	20:15		Continued.	No Schedule from MSEDCL	
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 12/May/2024

Statement-VII

Position as on 6.30 Hrs of 13/May/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 (410)OF BHUSAWAL (KHADKA) @ AKOLA	IntraState	12/05/2024	14:38	12/05/2024	17:56	EO	Attending Isolator Hotspot
400 KV LINE Outages/Trippings							
400KV NANDED(KUMBHARGAON)-PARLY CKT 2	InterState	11/05/2024	19:35	12/05/2024	04:40	EO	Repairing broken conductor strands
KALWA - TALEGAON (PG)	InterState	12/05/2024	04:44	12/05/2024	10:23	HT	Emergency outage availed for attending hotspot at Kalwa S/S
DHULE - SSNNL CKT - 1	InterState	12/05/2024	16:10			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-2	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
CHANDRAPUR 2 - WARORA CKT-1	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	01/05/2024	22:11			HT	For faciliating outage on 765 Kv Aurangabad - Padghe line.
BABHALESHWAR - PADGHE CKT - 2	IntraState	10/05/2024	09:56			PO	1. B Bus PG Isolator Replacement work under LES Scheme. 2. CB Diagnostic Testing Work. 3.400kV BBLR-II in service through TBC.
MAIN BUS - 2 @ PADGHE	IntraState	10/05/2024	10:23			PO	1.Replacement of Hanger Assembly of B Bus PG Isolator of BBLR-2 by Hot Line Method. 2.All Feeders on B Bus will be in service.
LONIKAND I - CHAKAN	IntraState	11/05/2024	22:08	12/05/2024	01:36	HT	Emergency outage for attending hotspot at Chakan end.
DABHOL - NEW KOYNA CKT - 1	IntraState	12/05/2024	11:01	12/05/2024	12:30	T	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.
400/220KV 500 MVA ICT - 3 @ VIKHROLI GIS	IntraState	10/02/2024	17:40			HT	H/T For LV only.
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							
AAREY - AEML SAKI CKT - 2	IntraState	08/05/2024	21:48			T	Tripped on Yph to ground fault
VANKUSWADE - KDPH	IntraState	11/05/2024	15:38	12/05/2024	10:50	T	Tripped on distance protect.
POPHALI - KDPH	IntraState	11/05/2024	16:40	12/05/2024	01:50	T	Tripped on distance protection
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	11/05/2024	17:20			T	H/T for load management
KHARGHAR - SONKHAR	IntraState	11/05/2024	22:51	12/05/2024	03:53	PO	For the installation of saver assembly sets at TL no. 678 & 679 (Total 6 sets out of 6 sets are to be installed)
KHARGHAR - NET MAGIC GIS	IntraState	11/05/2024	23:08	12/05/2024	03:37	PO	For the installation of saver assembly sets at TL no. 678 & 679 (Total 6 sets out of 6 sets are to be installed)
ADLABS - PEDAMBE	IntraState	12/05/2024	08:12	12/05/2024	10:38	PO	For replacement of rusted Hardware of all phases at loc no 104.
BORIVALI - BOISAR (PG)	IntraState	12/05/2024	11:22	12/05/2024	20:07	PO	Outage is required for safety purpose during applying repair sleeve for Damaged Conductor at Loc. No. 76-77.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/May/2024

Statement-VII

Position as on 6.30 Hrs of 13/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BORIVALI - TARAPUR	IntraState	12/05/2024	11:37	12/05/2024	20:05	PO	For applying repair sleeve for work for replacement of existing 0.4 ACSR Zebra Conductor and all its Hardware by equivalent CCC HTLS Conductor and suitable Hardware for 220kV Boisar - PGCIL (Dead Line). Outage required of 220kV PGCIL - Boisar Line No. 1 for safety purpose only.
220KV DHAMANGAON-220KV AVAADA(DHAMANGAON) SOLAR CKT	IntraState	12/05/2024	12:31	12/05/2024	14:02	EO	Attending Hotspot
220 KV AMRAVATI - KARANJA CKT	IntraState	12/05/2024	15:35	12/05/2024	16:03	T	Distance protection
WARORA - WARDHA	IntraState	12/05/2024	22:53	12/05/2024	23:19	T	Distance protection
220 KV ICT Outages/Trippings							
220 / 110 / 33kV 250MVA AT 2 @ BACKBAY	IntraState	12/05/2024	10:07	12/05/2024	16:36	PO	R/M
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
KHOPOLI - KARANJADE	IntraState	12/05/2024	11:23	12/05/2024	13:36	PO	BIRD NEST REMOVAL

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