

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Apr/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	172.926	4132.215	1) Gujrat	-2.638	-101.474
2) Hydro	12.493	740.224	2) Madhya Pradesh	7.284	230.680
3) Gas	6.062	164.689	3) Chattisgarh	4.270	116.140
Total MSPGCL	191.481	5037.128	4) Maharashtra	188.082	4406.336
B) 1) APLM	72.330	1708.337	5) Goa (Amona)	-1.552	-39.147
2) JSWEL	22.215	499.630	Total	195.446	4612.535
3) VIPL	0.000	0.000	a) Mumbai Schedule	33.487	742.770
4) RPL(AMT)	31.519	776.516	b) Mumbai Drawl	37.346	826.350
5) SWPGPL	9.371	207.144	c) MSEDCL Bilateral *	68.448	1824.016
6) Other IPP	28.629	822.972	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	33.474	741.825
C) 1) TPCL Thermal	16.322	396.172	Include PX	0.000	0.858
2) TPCL Hydro	4.657	100.378	Standby	0.012	0.946
3) TPCL Gas	2.583	78.001	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.685	289.761	1) MSEDCL	525.298	13171.501
D) STATE			2) Mumbai Discoms	72.591	1690.669
1) Thermal	364.997	8832.747	3) Other Discoms	9.545	225.908
(A1+C1+C4+(B1-B6))			TOTAL STATE	607.434	15088.078
2) Hydro	17.150	840.602			
(A2+C2)					
3) Gas	8.645	242.690			
(A3+B7+C3)					
4) Wind	12.457	344.214			
6) SOLAR	8.741	215.283			
TOTAL STATE	411.990	10475.536			

* 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	7185	7173	7017	7245
MSPGCL Hydro	460	912	384	501
MSPGCL Gas	257	247	257	257
MSPGCL Total Generation	7902	8332	7658	8003
Central Sector Receipt	9728	9476	7514	7201
WIND	220	512	841	382
CPP / IPP Thermal	6990	6977	6513	6844
CPP / IPP Gas	0	0	0	0
SOLAR	1199	724	0	291
Exchange with Mumbai	-2012	-2029	-1481	-1168
MSEDCL DEMAND MET	23586	23550	20612	21153
Load Shedding	0	0	0	0
MSEDCL DEMAND	23586	23550	20612	21153
TPCL GENERATION	979	1121	1141	817
AEML GENERATION	462	483	494	496
MUMBAI DEMAND	3453	3633	3116	2481
OTHER DISCOM DEMAND	441	442	434	400
STATE DEMAND MET	27480	27625	24162	24034
STATE DEMAND	27480	27625	24162	24034
Frequency (Hz)	49.99	49.67	50.00	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 22.01 Hrs	49.53 Hz at 15.24 Hrs	49.95	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/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.78	101.54	210	185
Unit 7	0.00	0.00	0	0
Unit 8	14.00	336.70	605	560
Unit 9	13.09	342.07	580	507
Unit 10	13.50	122.86	593	525
Total	45.37	903.17		
Bhusawal				
Unit 3	2.98	62.84	140	110
Unit 4	7.74	230.58	375	280
Unit 5	7.72	233.61	375	280
Total	18.44	527.02		
Parli				
Unit 6	4.77	111.19	250	170
Unit 7	5.24	110.63	230	198
Unit 8	3.24	83.68	143	127
Total	13.25	305.50		
Chandrapur				
Unit 3	4.19	104.80	185	150
Unit 4	3.79	94.73	172	132
Unit 5	8.90	204.54	380	340
Unit 6	9.15	189.33	390	367
Unit 7	9.50	224.01	432	340
Unit 8	9.62	262.29	438	372
Unit 9	9.58	253.79	430	370
Total	54.73	1333.50		
Paras				
Unit 3	5.13	133.48	232	189
Unit 4	4.97	126.04	218	170
Total	10.10	259.52		
Khaparkheda				
Unit 1	2.46	77.95	115	85
Unit 2	3.26	81.15	150	125
Unit 3	4.03	94.84	185	82
Unit 4	3.19	84.26	141	127
Unit 5	10.80	271.57	465	440
Total	23.75	609.77		
Nasik				
Unit 3	3.77	96.37	195	120
Unit 4	0.00	63.85	0	0
Unit 5	3.51	33.51	173	120
Total	7.29	193.72		
Uran				
All Units	6.06	164.69	267	237
Total	6.06	164.69		
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)	0.05	3.02	21	0
Total	0.05	3.02		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.18	157.80	485	40
Stage 4	0.85	284.76	250	0
Stage 3	0.72	95.64	160	0
Total	4.75	538.19		
Hydro				
KDPH	0.62	20.37	31	16
VTRNA	0.87	19.63	60	0
TILLARI	0.52	12.01	58	0
BHIRA T.R.	0.22	4.68	77	0
SMLHY_PTN	5.46	136.91	238	206
GHATGHAR	0.00	5.42	0	0
Total	7.69	199.02		
Wind				
Total	12.46	344.21	0	0
Total	12.46	344.21		
CPP				
APML(Mus)	72.33	1708.34	0	0
JSWEL(Mus)	22.22	499.63	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.52	776.52	0	0
SWPGPL-Mus	9.37	207.14	0	0
Other(Mus)	28.63	822.97	0	0
Total	164.06	4014.60		
SOLAR				
Total	8.74	215.28	0	0
Total	8.74	215.28		
Tata				
Trombay 5	10.61	263.90	459	419
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.52	46.62	113	49
Trombay 7B	1.06	31.38	66	0
TATA Hydro	4.66	100.38	437	10
Trombay 8	5.71	132.27	242	231
Total	23.56	574.55		
AEML				
DTPS U-1&2	11.68	289.76	501	433
Total	11.68	289.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	172.93	4132.22	MSPGCL Total	191.48	5037.13
			MSPGCL Thml+Gas	178.99	4296.90	Koyna 1,2 & 4 Total	4.03	442.55
			MSPGCL Hydro	12.49	740.22	State Total	411.99	10475.54

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Apr/2022

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	7343	991	247	8581	355	7028	0	0	7594	7506	-1421	21722	0	21722	2933	326	24982	49.93
2	7361	760	256	8377	422	7043	0	0	7729	7552	-1315	21759	0	21759	2750	320	24829	49.97
3	7418	470	257	8145	473	7035	0	0	7525	7412	-1168	21588	0	21588	2573	310	24470	49.97
4	7391	333	257	7981	483	7018	0	0	7413	7515	-1088	21600	0	21600	2429	309	24338	49.96
5	7365	363	247	7975	452	7013	0	0	7643	7850	-1058	21911	0	21911	2351	321	24583	49.96
6	7353	333	256	7942	440	7047	0	0	7776	7337	-1057	21360	0	21360	2390	349	24099	49.99
7	7342	490	247	8079	394	7031	0	48	7522	7301	-1090	21374	0	21374	2388	390	24151	50.00
8	7245	501	257	8003	382	6844	0	291	7319	7201	-1168	21153	0	21153	2481	400	24034	50.04
9	7121	383	247	7751	267	6660	0	614	7296	7828	-1511	21183	0	21183	2775	427	24384	49.97
10	7209	496	267	7972	243	6658	0	901	8088	8540	-1751	22119	0	22119	3109	444	25672	49.97
11	7208	447	246	7901	251	6730	0	1091	9436	9334	-1967	22887	0	22887	3361	452	26700	50.02
12	7185	460	257	7902	220	6990	0	1199	9887	9728	-2012	23586	0	23586	3453	441	27480	49.99
13	7144	428	247	7819	180	6816	0	1202	10215	9573	-2019	23147	0	23147	3478	423	27049	50.00
14	7146	420	247	7813	191	6590	0	1081	9884	10007	-2031	23236	0	23236	3450	415	27101	49.92
15	7193	563	256	8012	262	6961	0	946	9798	9732	-2099	23396	0	23396	3564	419	27378	49.71
16	7173	912	247	8332	512	6977	0	724	9532	9476	-2029	23550	0	23550	3633	442	27625	49.67
17	7177	492	247	7916	725	6961	0	450	8981	8805	-1796	22608	0	22608	3533	452	26593	49.93
18	7079	374	266	7720	939	6818	0	176	8326	7845	-1662	21371	0	21371	3352	465	25188	50.00
19	6977	364	237	7578	765	6580	0	18	7327	7283	-1535	20239	0	20239	3148	451	23838	50.01
20	7017	384	257	7658	841	6513	0	0	7432	7514	-1481	20612	0	20612	3116	434	24162	50.00
21	7111	350	256	7718	877	6577	0	0	7129	7129	-1474	20412	0	20412	3054	415	23880	50.03
22	7067	556	257	7880	755	6313	0	0	7186	7480	-1460	20557	0	20557	3038	410	24005	50.02
23	7192	716	257	8164	874	6821	0	0	7473	7768	-1559	21692	0	21692	3093	377	25162	49.92
24	7109	908	247	8264	1154	7038	0	0	7820	7729	-1595	22235	0	22235	3141	355	25731	49.82
MUs	172.93	12.49	6.06	191.48	12.46	164.06	0.00	8.74	196.33	195.45	-37.35	525.30	0.00	525.30	72.59	9.55	607.44	49.95

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Apr/2022

Position as on 6.30 Hrs of 26/Apr/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	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)	
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.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
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.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	03/05/2022
MSPGCL	Nasik Unit 4	210	16/04/2022	20:58		Continued.	Condenser Tube Leakage (Unit 4 was not available due to Critical coal stock since from Unit 5 synchronization 04:53 hrs. of 17.04.2022)	24/04/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
MSPGCL	Uran Unit 5	108	20/04/2022	16::27		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	25/04/2022	22:28	26/04/2022	02:07	Condenser Extractor Pump Alarm	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 26/Apr/2022

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							
DHULE - SSNNL CKT - 1	InterState	25/04/2022	10:20	25/04/2022	20:15	PO	Replacement of damaged earthwire, replacement of PID suspicious disc insulator strings and other routine maintenance work. 400kV SSNNL Ckt-2 A/R switch will be kept on non auto mode.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	20/04/2022	11:23			HT	HT for Load Management
LONIKAND I -JEJURI	IntraState	24/04/2022	16:36	25/04/2022	19:59	EO	For attending hotspot on bus conductor at connection of 29A B ph PGI at 400kV Jejuri Bay in 400kV Lonikand-I Ss.
BABHALESHWAR - PADGHE CKT-1	IntraState	24/04/2022	23:42	25/04/2022	03:05	T	Tripped on Distance Protection
KHARGHAR - TALEGAON (PG)	IntraState	25/04/2022	03:38	25/04/2022	08:06	EO	1) Cold line and chemical cleaning of insulators at various locations. 2) Hot Spot attending at loc. no. 1 R & Y Phase & 1+ B-Phase
PARLI - KARJAT CKT - 1	IntraState	25/04/2022	07:05	25/04/2022	09:45	T	Tripped on Distance protection
CHANDRAPUR 2- KUMBHARGAON (NANDED) CKT - 1	IntraState	26/04/2022	06:34			T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 KV 500 MVA ICT - 3 @ PARLI	IntraState	25/04/2022	11:12	25/04/2022	18:22	PO	(1) Winding resistance measurement ICT Units. (2) Bay maintenance work.
400 KV BR Outages/Trippings							
80 MVAr Bus reactor @ Talandge	IntraState	24/04/2022	18:45			T	Differential Trip
220 KV MAINBAY Outages/Trippings							
BUS COUPLER @ KARAD - 1	IntraState	25/04/2022	10:00	25/04/2022	19:17	PO	For attending oil leakage in B Ph CT through CT secondary terminal Box by Cold welding method
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
WARDHA - WARDHA (PG)	IntraState	24/04/2022	13:55	25/04/2022	01:27	PO	For Project work.(for stringing between Loc. No 2 to 3 of new 220 KV Deoli Ghatoli Line, Crossing overhead to 220 KV Wardha-Deoli (PGCIL) and 220kV Badnera-Deoli(PGCIL)Line.
WARDHA (PG) - BADNERA	IntraState	24/04/2022	14:00	25/04/2022	01:34	PO	For Project work.(for stringing between Loc. No 2 to 3 of new 220 KV Deoli Ghatoli Line, Crossing overhead to 220 KV Wardha-Deoli (PGCIL) and 220kV Badnera-Deoli(PGCIL)Line.
BABLESHWAR AHAMADNAGAR-II	IntraState	25/04/2022	04:44	25/04/2022	06:10	T	Tripped on Distance Protection
BOMBAY DYEING - SAHARA	IntraState	25/04/2022	12:35	25/04/2022	15:15	EO	Emergency replacement of Pilot string at Loc No. 119 R-ph. As Pilot string decap from suspension clamp.
ADLABS - PEDAMBE	IntraState	25/04/2022	16:33	26/04/2022	01:35	T	Distance Protection
KHARGHAR - SONKHAR	IntraState	25/04/2022	19:17	26/04/2022	00:03	EO	1)B-phase LA replacement work & High LCM values Ir leakage - 654 microamp. Ir corrected - 613 microamp. I total < 1560 microamp. 2) Diagnostic testing. 3) Line Isolator Jaw & blade replacement work & Alignment work.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 26/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
MAHALAXMI - AMONA	IntraState	25/04/2022	21:57	25/04/2022	23:48	T	Distance Protection
TILLARI - AMONA LINE	IntraState	25/04/2022	22:00	25/04/2022	23:05	T	Distance Protection
HALKARNI - TILARI LINE	IntraState	25/04/2022	22:01	25/04/2022	23:00	T	Back Up Protection
PADGHE - WADA	IntraState	26/04/2022	01:54	26/04/2022	06:40	EO	1) Attending hot spot at loc. No Dp 1 (Temp.108 B-PhPadgha side), Dp2(Temp.112 B-Ph Wada side & 110 B-PhPadgha side),81(Temp. 100 B-PhPadgha side),80A(Temp.112 R-Ph Wada side),80D (Temp.91 R-PhPadgha side) by Line Maintenance S/Dn, Boisar 2) To rectify problem in trip ckt supn relay (Y phase) of 220kV Wada Padgha line at 220KV Wada S/stn
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.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Differential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/33 KV 50 MVA PTR 1	IntraState	20/04/2022	09:41			PO	50MVA BBL TF-1 Top plate gasket replacement work including radiators gasket and all allied works.
220 / 105 / 33kV 250 MVA ICT 7 @ DHARAVI	IntraState	23/04/2022	09:10	25/04/2022	01:27	PO	for Installation of BPI along with structures at ICT-7 AIS bay and attending oil leakage in 33 KV bushing
220 / 105 / 33kV 250 MVA ICT 7 @ DHARAVI	IntraState	25/04/2022	07:22	25/04/2022	08:42	PO	Purging of ICT
220/132-110/11KV 200MVA VID ICT 1 @ MIRAJ	IntraState	25/04/2022	09:07	25/04/2022	15:49	PO	To check Auxiliary protection and quarterly maintenance work
220/33 KV 50 MVA BBL PTR 2 @ MUDSHINGI	IntraState	25/04/2022	10:00	25/04/2022	17:48	PO	1) Diagnostic testing of Transformer 2) Premansoon maintenance work
110 KV LINE Outages/Trippings							
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhruli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhruli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.

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