

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Mar/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	166.322	4115.366	1) Gujrat	-7.177	-160.683
2) Hydro	28.730	656.484	2) Madhya Pradesh	8.991	243.825
3) Gas	9.199	121.317	3) Chattisgarh	4.780	135.160
Total MSPGCL	204.251	4893.167	4) Maharashtra	178.462	4333.643
B) 1) APLM	76.348	1908.740	5) Goa (Amona)	-1.759	-34.428
2) JSWEL	22.183	518.332	Total	183.297	4517.517
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.026	722.910
4) RPL(AMT)	25.689	659.868	b) Mumbai Drawl	33.562	789.006
5) SWPGPL	6.389	156.614	c) MSEDCL Bilateral *	96.695	2550.680
6) Other IPP	36.963	1010.450	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.777	721.905
C) 1) TPCL Thermal	9.408	338.962	Include PX	0.000	5.604
2) TPCL Hydro	5.338	130.471	Standby	0.249	1.005
3) TPCL Gas	2.696	50.762	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.988	252.459	1) MSEDCL	529.991	13111.605
D) STATE			2) Mumbai Discoms	62.991	1561.657
1) Thermal	355.290	8960.791	3) Other Discoms	8.834	227.368
(A1+C1+C4+(B1-B6))			TOTAL STATE	601.816	14900.630
2) Hydro	34.068	786.955			
(A2+C2)					
3) Gas	11.895	172.079			
(A3+B7+C3)					
4) Wind	9.876	263.108			
6) SOLAR	7.391	200.183			
TOTAL STATE	418.520	10383.116			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7090	6962	6939	6769
MSPGCL Hydro	1108	925	1789	1087
MSPGCL Gas	414	401	278	419
MSPGCL Total Generation	8612	8288	9006	8275
Central Sector Receipt	9486	9414	6826	6828
WIND	183	170	395	513
CPP / IPP Thermal	7007	6947	7030	7002
CPP / IPP Gas	0	0	0	0
SOLAR	1030	1135	0	0
Exchange with Mumbai	-1779	-1835	-1466	-919
MSEDCL DEMAND MET	24155	23725	21382	21419
Load Shedding	0	0	0	0
MSEDCL DEMAND	24155	23725	21382	21419
TPCL GENERATION	774	725	833	715
AEML GENERATION	498	499	501	501
MUMBAI DEMAND	3051	3059	2800	2135
OTHER DISCOM DEMAND	384	393	409	280
STATE DEMAND MET	27590	27178	24591	23834
STATE DEMAND	27590	27178	24591	23834
Frequency (Hz)	50.01	50.06	49.86	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 13.00 Hrs	49.6 Hz at 15.45 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 26/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.73	104.30	165	140
Unit 7	0.00	0.00	0	0
Unit 8	13.75	359.07	605	497
Unit 9	13.32	343.09	609	500
Unit 10	10.47	263.89	475	397
Total	41.26	1070.35		
Bhusawal				
Unit 3	0.00	44.63	0	0
Unit 4	9.36	244.70	450	280
Unit 5	9.11	110.68	435	280
Total	18.46	400.01		
Parli				
Unit 6	0.00	114.76	0	0
Unit 7	4.83	72.38	245	173
Unit 8	3.52	89.05	160	142
Total	8.35	276.20		
Chandrapur				
Unit 3	4.50	80.78	193	173
Unit 4	4.14	103.18	175	168
Unit 5	8.99	205.11	390	363
Unit 6	9.33	162.56	420	320
Unit 7	7.99	230.42	370	281
Unit 8	10.61	230.62	475	401
Unit 9	9.68	267.18	416	390
Total	55.22	1279.84		
Paras				
Unit 3	5.02	134.93	214	204
Unit 4	4.99	133.61	213	198
Total	10.02	268.53		
Khaparkheda				
Unit 1	3.00	86.64	145	100
Unit 2	3.06	91.22	155	100
Unit 3	3.76	96.46	177	145
Unit 4	3.46	105.14	162	126
Unit 5	10.90	242.31	465	450
Total	24.20	621.76		
Nasik				
Unit 3	4.51	16.94	197	170
Unit 4	4.29	107.63	193	163
Unit 5	0.00	74.10	0	0
Total	8.80	198.68		
Uran				
All Units	9.20	121.32	433	278
Total	9.20	121.32		
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)	0.10	3.82	29	0
Total	0.10	3.82		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.41	142.50	530	40
Stage 4	10.90	238.74	962	32
Stage 3	3.76	81.21	320	80
Total	20.08	462.45		
Hydro				
KDPH	0.86	17.95	36	36
VTRNA	0.60	5.01	60	0
TILLARI	0.58	4.03	58	0
BHIRA T.R.	0.41	7.57	77	0
SMLHY_PTN	6.10	155.65	272	207
GHATGHAR	0.00	0.00	0	0
Total	8.55	190.21		
Wind				
Total	9.88	263.11	0	0
Total	9.88	263.11		
CPP				
APML(Mus)	76.35	1908.74	0	0
JSWEL(Mus)	22.18	518.33	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.69	659.87	0	0
SWPGPL-Mus	6.39	156.61	0	0
Other(Mus)	36.96	1010.45	0	0
Total	167.57	4254.00		
SOLAR				
Total	7.39	200.18	0	0
Total	7.39	200.18		
Tata				
Trombay 5	3.78	220.61	160	154
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.50	30.26	69	59
Trombay 7B	1.20	20.50	53	49
TATA Hydro	5.34	130.47	333	86
Trombay 8	5.63	118.35	239	226
Total	17.44	520.20		
AEML				
DTPS U-1&2	11.99	252.46	502	487
Total	11.99	252.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	166.32	4115.37	MSPGCL Total	204.25	4893.17
			MSPGCL Thml+Gas	175.52	4236.68	Koyna 1,2 & 4 Total	16.32	381.24
			MSPGCL Hydro	28.73	656.48	State Total	418.52	10383.12

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Mar/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 DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6692	1643	417	8752	600	6984	0	0	6709	6704	-1275	21443	0	21443	2530	322	24295	49.83
2	6704	1781	418	8903	599	6990	0	0	6680	6537	-1141	21591	0	21591	2375	297	24263	49.90
3	6738	1650	421	8809	512	7005	0	0	6658	6397	-1012	21441	0	21441	2235	270	23946	49.99
4	6769	1087	419	8275	513	7002	0	0	6990	6828	-919	21419	0	21419	2135	280	23834	49.95
5	6796	1065	431	8292	531	7005	0	0	7168	7114	-881	21768	0	21768	2098	293	24159	49.90
6	6809	1863	428	9100	355	7051	0	0	6694	6588	-912	21865	0	21865	2135	317	24317	49.92
7	6848	1966	426	9240	339	7065	0	6	7211	7065	-974	22397	0	22397	2183	344	24924	49.96
8	7065	1308	433	8806	320	7055	0	91	7097	7206	-1033	22076	0	22076	2242	369	24687	49.96
9	7077	1130	410	8617	273	7032	0	271	7239	7178	-1209	21771	0	21771	2436	392	24598	49.97
10	7157	1016	410	8583	227	7036	0	595	7950	8099	-1437	22716	0	22716	2696	386	25799	49.96
11	7092	1149	406	8647	242	7026	0	869	8916	9110	-1704	23803	0	23803	2943	388	27133	49.97
12	7090	1108	414	8612	183	7007	0	1030	9466	9486	-1779	24155	0	24155	3051	384	27590	50.01
13	6962	925	401	8288	170	6947	0	1135	9657	9414	-1835	23725	0	23725	3059	393	27178	50.06
14	6975	925	392	8292	119	6788	0	1093	9193	9475	-1775	23599	0	23599	2978	393	26970	50.08
15	6925	858	392	8175	127	6939	0	979	9735	9819	-1930	23724	0	23724	3010	386	27119	50.01
16	6894	1012	402	8308	157	6939	0	727	9880	9421	-1840	23300	0	23300	2989	412	26701	49.85
17	6879	749	414	8042	172	6947	0	428	9022	8488	-1714	21936	0	21936	2894	428	25257	49.91
18	6869	606	425	7900	272	6934	0	157	8235	8234	-1614	21462	0	21462	2780	421	24663	49.92
19	6919	864	315	8098	320	6972	0	10	6819	6993	-1516	20447	0	20447	2741	430	23618	50.00
20	6939	1789	278	9006	395	7030	0	0	6610	6826	-1466	21382	0	21382	2800	409	24591	49.86
21	7009	1404	299	8712	676	6987	0	0	6414	6295	-1425	20833	0	20833	2761	412	24006	49.98
22	7019	931	279	8229	942	6975	0	0	6447	6258	-1421	20593	0	20593	2673	390	23656	49.98
23	7042	789	279	8110	937	6926	0	0	6710	6979	-1366	21225	0	21225	2627	361	24213	49.97
24	7053	1112	290	8455	895	6930	0	0	6942	6783	-1384	21324	0	21324	2621	355	24300	49.95
MUs	166.32	28.73	9.20	204.25	9.88	167.57	0.00	7.39	184.44	183.30	-33.56	529.99	0.00	529.99	62.99	8.83	601.82	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 26/Mar/2022

Position as on 6.30 Hrs of 27/Mar/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)	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
IPP	SWPGPL U-4	135	25/02/2022	16:47		Continued.	Turbine Vibration	
IPP	RPL(AMT) U-1	270	07/03/2022	02:39		Continued.	Generator Protection operated. (from 15/03/2022 due to coal shortage)	
MSPGCL	Ghatghar Unit-2	125	11/03/2022	01:25		Continued.	TRIPPED ON SFC HEAVY FAULT WHILE TAKING ON PUMPING MODE.(PUMPING TRIAL CARRIED OUT SUCCESSFULLY FROM 20:35HRS TO 22:35HRS DT.10/03/22)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	
MSPGCL	Bhusawal Unit 3	210	20/03/2022	07:00		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	22/03/2022	23:40		Continued.	Withdrawn	
MSPGCL	Parli Unit 6	250	25/03/2022	18:33		Continued.	Boiler Tube Leakage	
MSPGCL	Koyana STG-IV Unit-3	250	26/03/2022	11:50	27/03/2022	01:15	BUTTERFLY VALVE FAULT AND SPEED MEASUREMENT DISCRIPENCY.	27/03/2022
MSPGCL	Uran Unit 5	108	26/03/2022	18:25		Continued.	Gas shortage	
IPP	Dhariwal	300	27/03/2022	07:01	27/03/2022	18:06	COAL SHORTAGE AND TO ATTEND HOT SPOT IN GT BAY	27/03/2022
MSPGCL	Nasik Unit 4	210	27/03/2022	23:40		Continued.	GTR buchholz relay operated	
MSPGCL	Nasik Unit 3	210	27/03/2022	23:55		Continued.	PA Fan problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 26/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 27/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TBC Outages/Tripping							
BUS COUPLER @ CHAKAN	IntraState	27/03/2022	09:38	27/03/2022	19:03	HT	Emergency H/T
400 KV LINE Outages/Tripping							
DHULE - KHANDWA CKT - 2	InterState	27/03/2022	13:53	27/03/2022	15:34	T	R-ph SOTF 1.8 KA 113.8 KM from Dhule
BABHALESHWAR - RPL(NSK) CKT - 2	IntraState	21/03/2022	16:45			PO	for 400kV Quad Moose conductor's stringing work across the samruddhi Maha marg road.
NEW KOYNA - DABHOL CKT - 1	IntraState	26/03/2022	06:28	26/03/2022	08:02	T	Distance Protection
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	26/03/2022	15:04	27/03/2022	15:58	HT	to control line loading of Pune-Chakan
CHANDRAPUR 2 - CHD SWITCHING CKT - 1	IntraState	26/03/2022	19:19	26/03/2022	21:29	T	OV
KOLHAPUR (TALANDGE) - ALKUD	IntraState	26/03/2022	20:12	27/03/2022	01:25	EO	Relay Testing work. This outage is required for analysis of reason for non-operation of AR at Alkud end during tripping on dt. 19.03.2022.
KORADI - KHAPERKHEDA CKT - 2	IntraState	27/03/2022	12:44	27/03/2022	20:31	EO	For measurement of CVT tan delta of Bus 2, 400kV Khaperkheda ckt 2 is to be handtrip as its bus 2 isolator rotary is broken during opening operation and now it is in close position and in such condition it is also unable to shift on TBC either. However, same line can be charged on bus 2 isolator after CVT tan delta measurement of 400kV Bus 2.
EKTUNI - BABLESHWAR CKT - 2	IntraState	27/03/2022	16:10	27/03/2022	20:08	EO	Restraining of Earth wire at loc no.281 and 282
400 KV ICT Outages/Tripping							
400/220KV 105 MVA SPARE ICT @ KARAD	IntraState	23/03/2022	10:14			EO	Spare ICT -1 will be taken into service through RRS in place of ICT-I R ph unit due to rising trend of various gases in ICT-I R ph unit
400/220 KV 315MVA ICT - 1 @ KARAD	IntraState	26/03/2022	11:15	26/03/2022	13:29	EO	For attending hot spot at Y ph 29B bus isolator jaw towards bus side with the help of Hot line Unit Ogalewadi. Temp:-756 degree
220 KV TIEBAY Outages/Tripping							
MAIN BUS SECTION ISOLATOR @ KURKUMBH	IntraState	23/03/2022	17:25	26/03/2022	21:10	PO	ISOLATOR REPLACEMENT WORK
220 KV LINE Outages/Tripping							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	CABLE FAULT
NIWALI - PAWAS LINE	IntraState	26/03/2022	08:19	26/03/2022	18:59	PO	Outage for 1)New Koyana LMSDn - cold washing of insulator strings from Loc. Nos. 01 to 53 (Niwaliphata LILO Line), 165 to 229 (Main Line) 2)Kankavali LMSDn- Chemical washing insulators-Loc no.1-7, 13-19; Cold washing insulators- Loc no 8-12, 20-82(Pawas Tap) 3)220kV Pawas S/s- Erection of LA equipment structure & LA shifting work.
GHATGHAR - JINDAL	IntraState	26/03/2022	10:12	26/03/2022	13:45	PO	CT Tan Delta and CB CRM measurement.
TALANDGE - SAWANTWADI	IntraState	26/03/2022	17:53	27/03/2022	02:03	T	heavy rain and windy environment
CHAKAN-BHOSARI 1	IntraState	26/03/2022	21:07	27/03/2022	03:07	PO	Installation of Load trimming relay and Testing of CC

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 27/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
SALSETTE BORIVLI - 2	IntraState	26/03/2022	21:14	26/03/2022	21:42	PO	For test charging of ICT-1 after shifting on new GIS
SALSETTE - SAHAR CKT	IntraState	27/03/2022	02:36	27/03/2022	03:28	PO	for breaker testing
NIWALI - PAWAS LINE	IntraState	27/03/2022	08:18	27/03/2022	18:33	PO	Outage for 1)New Koyana LMSDn - cold washing of insulator strings from Loc. Nos. 01 to 53 (Niwaliphata LILO Line), 165 to 229 (Main Line) 2)Kankavali LMSDn- Chemical washing insulators-Loc no.1-7, 13-19; Cold washing insulators- Loc no 8-12, 20-82(Pawas Tap) 3)220kV Pawas S/s- Erection of LA equipment structure & LA shifting work.
BOISAR II - VIRAJ	IntraState	27/03/2022	09:45	27/03/2022	18:27	PO	Bay maintenance & diagnostic Testing works at 220KV boisar-II & 220KV Viraj 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 dismantailing 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 Diferrential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220 / 110 / 22kV 250MVA ICT 1 @ BORIVALI (TATA)	IntraState	17/03/2022	12:30			PO	Shifting to new GIS
220/22-22 KV 50 MVA PTR 2 @ COLOURCHEM	IntraState	23/03/2022	03:04	26/03/2022	18:10	PO	220/22KV Transformer no. 2 Augmentation work by replacing existing 50MVA TF to repaired 80 MVA TF.
220/22 KV 50 MVA PTR 1 @ PADGHE	IntraState	25/03/2022	11:32			PO	1.Retrofiting of 86M Relay, BO/BI LVCT/PT connection to BCU under MTAMC work. 2.Arresting oil leakage from Top cover of Body by replacing all gaskets at site by opening /dismantling of accessories & installation of DM of 50MVA BHEL make Tf. 3.After complete work oil filtration & vacuum cycle will be done by pursing/injecting N2 gas .
220/132-110/11KV 200MVA VID ICT 1 @ MIRAJ	IntraState	26/03/2022	10:00	26/03/2022	16:07	PO	Erection of lattice type structure of isolator, alignment of isolator, connection of jump. For safety reason ICT will be kept off from HV LV side
220/33KV 50MVA PTR 1 @ KATHAPUR	IntraState	26/03/2022	11:29	26/03/2022	13:45	PO	CB CRM of 245 kV Circuit Breakers only
220/33KV 50MVA PTR 2 @ KATHAPUR	IntraState	26/03/2022	14:31	26/03/2022	16:07	PO	CB CRM of 245 kV Circuit Breakers only
220/22KV 50MVA PTR 1 @ CHAKAN PHASE II	IntraState	27/03/2022	10:47	27/03/2022	14:36	PO	CB CRM measurement and to attain oil leakage
220/132 KV 200 MVA ICT 1@ RANJANGAON	IntraState	27/03/2022	12:05	27/03/2022	17:45	PO	For Diagnostic testing (Bushing Winding) & General bay maintenance
220/33 KV 50 MVA PTR 3	IntraState	27/03/2022	12:06	27/03/2022	13:38	EO	T/F no.3, LV gantry , R ph hotspot at jumper nutbolt
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 27/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfting 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-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfting these lines on new Multicircuit Towers between Darave to Vashi.

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