

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Mar/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.435	2958.409	1) Gujrat	-2.043	-118.701
2) Hydro	13.375	415.885	2) Madhya Pradesh	9.825	182.349
3) Gas	6.738	74.052	3) Chattisgarh	4.930	101.850
Total MSPGCL	179.548	3448.346	4) Maharashtra	183.048	3155.284
B) 1) APML	63.760	1378.816	5) Goa (Amona)	-1.338	-24.154
2) JSWEL	17.140	375.480	Total	194.422	3296.628
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.574	541.796
4) RPL(AMT)	25.404	479.972	b) Mumbai Drawl	34.194	588.215
5) SWPGPL	6.296	112.045	c) MSEDCL Bilateral *	108.122	1877.782
6) Other IPP	31.048	745.910	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.574	541.663
C) 1) TPCL Thermal	11.915	247.025	Include PX	0.000	5.604
2) TPCL Hydro	3.003	91.249	Standby	0.000	0.133
3) TPCL Gas	3.304	26.044	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.647	170.804	1) MSEDCL	503.623	9413.496
D) STATE			2) Mumbai Discoms	63.062	1123.336
1) Thermal	325.645	6468.461	3) Other Discoms	8.572	165.896
(A1+C1+C4+(B1-B6))			TOTAL STATE	575.257	10702.728
2) Hydro (A2+C2)	16.378	507.134			
3) Gas (A3+B7+C3)	10.042	100.096			
4) Wind	20.061	179.844			
6) SOLAR	8.710	150.566			
TOTAL STATE	380.836	7406.101			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6816	6777	6400	6628
MSPGCL Hydro	884	1053	398	310
MSPGCL Gas	287	255	279	281
MSPGCL Total Generation	7987	8085	7077	7219
Central Sector Receipt	10092	9766	6630	7755
WIND	315	321	1842	736
CPP / IPP Thermal	5666	5943	6434	5714
CPP / IPP Gas	0	0	0	0
SOLAR	1215	1013	0	0
Exchange with Mumbai	-1590	-1641	-1382	-1264
MSEDCL DEMAND MET	23308	23111	20205	19871
Load Shedding	0	0	0	0
MSEDCL DEMAND	23308	23111	20205	19871
TPCL GENERATION	950	909	930	518
AEML GENERATION	497	489	450	380
MUMBAI DEMAND	3037	3039	2762	2162
OTHER DISCOM DEMAND	377	376	396	289
STATE DEMAND MET	26722	26526	23363	22322
STATE DEMAND	26722	26526	23363	22322
Frequency (Hz)	50.03	49.96	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 05.05 Hrs	49.81 Hz at 23.09 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 19/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.74	78.41	165	125
Unit 7	0.00	0.00	0	0
Unit 8	13.61	258.96	605	520
Unit 9	13.19	251.29	600	502
Unit 10	10.58	193.15	505	380
Total	41.11	781.81		
Bhusawal				
Unit 3	3.48	43.61	170	120
Unit 4	10.66	173.46	465	405
Unit 5	0.00	41.52	0	0
Total	14.14	258.60		
Parli				
Unit 6	4.35	86.21	190	156
Unit 7	0.00	66.38	0	0
Unit 8	3.58	63.48	160	142
Total	7.93	216.07		
Chandrapur				
Unit 3	3.85	49.53	185	120
Unit 4	3.73	74.77	172	124
Unit 5	8.24	143.33	365	295
Unit 6	7.65	95.17	390	245
Unit 7	8.57	168.97	422	300
Unit 8	11.04	154.93	474	410
Unit 9	10.31	196.46	441	404
Total	53.38	883.16		
Paras				
Unit 3	4.51	100.18	215	153
Unit 4	4.51	98.62	211	152
Total	9.01	198.81		
Khaparkheda				
Unit 1	3.61	64.73	160	135
Unit 2	3.62	67.33	155	145
Unit 3	3.87	66.54	188	146
Unit 4	4.41	76.97	190	157
Unit 5	11.38	202.69	490	450
Total	26.88	478.26		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.82	77.32	190	122
Unit 5	3.16	64.39	153	120
Total	6.98	141.70		
Uran				
All Units	6.74	74.05	299	255
Total	6.74	74.05		
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)	0.03	3.22	27	0
Total	0.03	3.22		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.93	92.00	385	35
Stage 4	1.60	138.42	389	0
Stage 3	1.13	49.19	130	0
Total	5.66	279.61		
Hydro				
KDPH	0.43	12.53	18	18
VTRNA	0.63	0.63	60	0
TILLARI	0.23	1.91	58	0
BHIRA T.R.	0.16	5.24	77	0
SMLHY_PTN	6.23	112.74	282	248
GHATGHAR	0.00	0.00	0	0
Total	7.68	133.05		
Wind				
Total	20.06	179.84	0	0
Total	20.06	179.84		
CPP				
APML(Mus)	63.76	1378.82	0	0
JSWEL(Mus)	17.14	375.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.40	479.97	0	0
SWPGPL-Mus	6.30	112.04	0	0
Other(Mus)	31.05	745.91	0	0
Total	143.65	3092.22		
SOLAR				
Total	8.71	150.57	0	0
Total	8.71	150.57		
Tata				
Trombay 5	7.53	165.84	377	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.95	15.37	116	63
Trombay 7B	1.36	10.68	67	51
TATA Hydro	3.00	91.25	226	0
Trombay 8	4.38	81.19	240	132
Total	18.22	364.32		
AEML				
DTPS U-1&2	10.65	170.80	500	357
Total	10.65	170.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.44	2958.41	MSPGCL Total	179.55	3448.35
			MSPGCL Thml+Gas	166.17	3032.46	Koyna 1,2 & 4 Total	4.53	230.42
			MSPGCL Hydro	13.38	415.88	State Total	380.84	7406.10

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/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	6720	369	290	7379	827	5867	0	0	7396	7563	-1544	19790	0	19790	2567	302	22659	50.01
2	6686	321	270	7277	707	5865	0	0	7909	7879	-1440	20006	0	20006	2392	282	22680	49.99
3	6756	358	292	7406	755	5778	0	0	7743	7766	-1347	20079	0	20079	2257	279	22615	49.96
4	6628	310	281	7219	736	5714	0	0	7877	7755	-1264	19871	0	19871	2162	289	22322	50.01
5	6559	316	292	7167	679	5698	0	0	7934	8028	-1195	20087	0	20087	2111	290	22488	50.04
6	6753	679	272	7704	658	5801	0	0	7723	8163	-1044	20986	0	20986	2147	296	23429	50.08
7	6704	437	293	7434	426	5954	0	8	8610	8187	-1041	20628	0	20628	2172	340	23140	50.05
8	6644	428	292	7364	371	5881	0	191	8588	8158	-1082	20531	0	20531	2209	352	23092	50.05
9	6617	466	281	7364	298	5739	0	521	8597	8593	-1347	20789	0	20789	2402	379	23570	50.01
10	6733	866	280	7879	374	5648	0	860	8715	8859	-1342	21891	0	21891	2686	387	24964	49.95
11	6817	651	278	7746	430	5689	0	1071	9652	9667	-1488	22726	0	22726	2940	389	26055	50.00
12	6816	884	287	7987	315	5666	0	1215	10214	10092	-1590	23308	0	23308	3037	377	26722	50.03
13	6817	647	266	7730	271	5680	0	1226	10098	10064	-1657	22917	0	22917	3075	397	26389	50.02
14	6811	687	286	7784	310	5793	0	1167	9866	9931	-1644	22956	0	22956	2988	385	26329	50.00
15	6777	1053	255	8085	321	5943	0	1013	10101	9766	-1641	23111	0	23111	3039	376	26526	49.96
16	6634	879	286	7799	500	6170	0	774	9829	9483	-1686	22647	0	22647	3067	393	26107	50.00
17	6799	514	267	7580	846	6354	0	473	9357	8340	-1586	21598	0	21598	2985	409	24992	50.03
18	6451	375	277	7103	950	6274	0	182	8347	7599	-1432	20272	0	20272	2847	404	23523	50.03
19	6492	382	277	7151	1533	6352	0	9	7348	6241	-1362	19519	0	19519	2741	405	22665	50.02
20	6400	398	279	7077	1842	6434	0	0	7052	6630	-1382	20205	0	20205	2762	396	23363	50.00
21	6156	469	279	6904	1978	5898	0	0	6499	6546	-1439	19510	0	19510	2691	377	22578	50.00
22	6254	738	289	7281	1766	6119	0	0	6199	6130	-1510	19413	0	19413	2620	373	22406	49.97
23	6566	481	299	7346	1666	6716	0	0	6290	6437	-1542	20269	0	20269	2574	354	23197	49.97
24	6845	667	270	7782	1502	6615	0	0	6792	6545	-1589	20513	0	20513	2592	342	23447	49.93
MUs	159.43	13.37	6.74	179.55	20.06	143.65	0.00	8.71	198.74	194.42	-34.19	503.62	0.00	503.62	63.06	8.57	575.26	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.

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

Details of Generating Unit Outages/Trippings for 19/Mar/2022

Position as on 6.30 Hrs of 20/Mar/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Nasik Unit 3	210	26/01/2022	20:26		Continued.	Annual Overhaul	
MSPGCL	Koyana Unit 6	80	18/03/2022	07:30	19/03/2022	21:10	Needle O/H and P.M.Work	
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)	
MSPGCL	Uran Unit 5	108	14/03/2022	00:00		Continued.	Gas shortage	
MSPGCL	Parli Unit 7	250	15/03/2022	23:10		Continued.	Furnace Pressure High	
IPP	Adani U-3	660	16/03/2022	11:54	19/03/2022	12:07	Primary Duct Leakage	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	
MSPGCL	Bhusawal Unit 5	500	18/03/2022	01:26	20/03/2022	00:25	bottom ash clinker formation	
MSPGCL	Bhusawal Unit 3	210	20/03/2022	07:00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	20/03/2022	21:49		Continued.	Water pump problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 20/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	12/03/2022	15:01			T	Pole-2 tripped at Padghe end. Black smoke observed near pole 2, B phase converter transformer's 3A bushing - turret. Fire looked external and it was extinguished in 10-15 minutes using fire tenders and fire hydrant
400 KV TBC Outages/Trippings							
BUS COUPLER @ CHAKAN	IntraState	20/03/2022	13:10	20/03/2022	18:15	EO	To attend the Hot Spot at 1) 89A Isolator Bph Isolator Side 2) 89A Y ph IPS Tube side 3) 89 B Y ph Hanger Clamp
400 KV LINE Outages/Trippings							
BABHALESHWAR - PADGHE CKT - 2	IntraState	19/03/2022	14:21	19/03/2022	15:24	T	174 KM 1.9 KA B-ph-- BBLR 7 KM 13KA B-ph---Padghe
KOLHAPUR (TALANDGE) - ALKUD	IntraState	19/03/2022	16:26	19/03/2022	17:46	T	PDR
KARAD - TALANDGE CKT - 1	IntraState	19/03/2022	17:13	19/03/2022	21:19	T	tripped on over vtg
NEW KOYNA-KARAD CKT - 2	IntraState	19/03/2022	18:01	19/03/2022	18:45	T	LBB Operated on bus 2
JAIGAD - KARAD CKT - 2	IntraState	19/03/2022	18:01	19/03/2022	18:50	T	LBB Operated on bus 2
JAIGAD - KARAD CKT - 1	IntraState	20/03/2022	19:33	20/03/2022	20:20	HT	HT DUE TO ISOLATOR OPEN AT KARAD
400 KV ICT Outages/Trippings							
400/220/33 KV 315MVA ICT - 3 @ KARAD	IntraState	19/03/2022	18:01	19/03/2022	18:01	T	LBB Operated on bus 2
400/220 KV 315MVA ICT - 1 @ KARAD	IntraState	19/03/2022	18:01	19/03/2022	18:36	T	LBB Operated on bus 2
400/220 KV 315MVA ICT - 2 @ KARAD	IntraState	19/03/2022	18:01	19/03/2022	18:39	T	LBB Operated on bus 2
400/220/33 KV 500MVA ICT - 1 @ DEEPNAGAR	IntraState	19/03/2022	18:40	19/03/2022	20:22	EO	For retrofitting of Isolator rod of 4R4 Ph. Line Isolator of 220kV side.
400/220/33 KV 315MVA ICT - 2 @ CHAKAN	IntraState	20/03/2022	01:20	20/03/2022	03:01	T	TRIPPED ON EARTH FAULT
400 KV BUSBAR Outages/Trippings							
400KV BUSBAR PROTECTION @ KORADI 2	InterState	20/03/2022	17:52	20/03/2022	22:40	PO	Integration of new bay (415) panel with existing 400 kV Busbar panel Relay (REB 500) for Busbar Protection of New Bus Shunt Reactor with bay (415) at 400 kV Koradi-II SS
220 KV MAINBAY Outages/Trippings							
MAIN BUS @BELWANDI	IntraState	19/03/2022	10:24	19/03/2022	18:22	PO	For busbar protection testing of 220kV bus
220 KV LINE Outages/Trippings							
JEUR - SOLAPUR PG	InterState	19/03/2022	11:39	19/03/2022	12:08	T	Tripped from Jeur end only.
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	CABLE FAULT
MALEGAON-SATANA	IntraState	19/03/2022	09:17	19/03/2022	12:26	PO	Outage proposal for the replacement of faulty disc insulators found in PLD testing at various locations.
MUMEWADI -HALKARNI 1 LINE	IntraState	19/03/2022	10:332	19/03/2022	15:43	PO	Tan Delta Testing of CT & bay equipment maintenance work
NERLE - PEDAMBE	IntraState	19/03/2022	11:12	19/03/2022	16:35	PO	Annual Relay testing & maintenance work
BABLESHWAR- ALEPHATA CKT - 1	IntraState	19/03/2022	14:20	19/03/2022	15:36	T	Its operated
BABHALESHWAR - UTECH SUGAR	IntraState	19/03/2022	14:20	19/03/2022	14:56	T	LTS operated

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 19/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 20/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
MUDSHINGI - CHIKODI	IntraState	19/03/2022	17:34	20/03/2022	19:43	T	Distance protection, Rain, Ligtning, Storm reported, B-ph to Earth, 5.98 KAMP, 22.5 KM
TALANDAGE - CHIKODI	IntraState	19/03/2022	23:18	20/03/2022	19:37	HT	FOR SAFETY PURPOSE DUE TO MULTI CKT TOWER .220KV MUSHINGI-CHIKODI IS UNDER B/DN.
MAIN BUS - 1 @ GORAI	IntraState	20/03/2022	00:31	20/03/2022	03:24	PO	Functional check of Isolator 489A of spare bay proposed for reactor
MAIN BUS - 2 @ GORAI	IntraState	20/03/2022	03:41	20/03/2022	04:23	PO	Functional check of isolator 489B of spare bay proposed for reactor
TROMBAY - KALWA	IntraState	20/03/2022	08:28	20/03/2022	14:24	EO	1) CB TNC Switch Replacement Work at 220KV Trombay ss end. 2) B pH CT 800-400/1 needs to be replaced by 1600-800/1 A CT at 400KV RS Kalwa . New EHV CT 245kV CG make CT -1 no, ready, all testing already done at site.
TROMBAY - MULUND	IntraState	20/03/2022	14:53	20/03/2022	18:25	EO	4 Nature of work to be carried out. Nut bolt tightening work at BARC premises
220 KV ICT Outages/Tripping							
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 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
220/132-110/11KV 200MVA VID ICT 1 @ MIRAJ	IntraState	19/03/2022	11:34	19/03/2022	17:01	PO	Excavation work of foundation of isolator through JCB and Refilling of muroom towards below ICT isolator. For civil work safety reason ICT will be kept off
220/22 KV 50 MVA PTR 1 @ PADGHE	IntraState	19/03/2022	14:18	19/03/2022	17:24	EO	for oil top-up due to low oil level
220/22 KV 50 MVA PTR 2 @ VASAI	IntraState	20/03/2022	12:24	20/03/2022	19:35	PO	1) To replace WTI/OTI meter. 2) To attend Hot spot of Tr. No.2 LV B-phase bushing
220 KV BUSBAR Outages/Tripping							
MAIN BUS @ BELEWADI	IntraState	19/03/2022	10:19	19/03/2022	18:22	PO	For busbar protection testing of 220kV bus
132 KV LINE Outages/Tripping							
AHMADNAGAR - KEDGAON -I	IntraState	19/03/2022	10:51	19/03/2022	12:26	PO	Attending the oil leakage of 132KV Y-Phase CT of 132KV Kedgaon Ckt-I
110 KV LINE Outages/Tripping							
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfting these lines on new Multicircuit Towers between Darave to Vashi.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 20/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 shfiting these lines on new Multicircuit Towers between Darave to Vashi.

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