

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Mar/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	169.182	2560.390	1) Gujrat	2.544	42.990
2) Hydro	14.059	238.805	2) Madhya Pradesh	14.259	202.499
3) Gas	7.156	97.132	3) Chattisgarh	3.850	55.660
Total MSPGCL	190.397	2896.327	4) Maharashtra	138.437	2113.642
B) 1) APML	59.985	893.046	5) Goa (Amona)	-1.116	-18.126
2) JSWEL	14.221	193.174	Total	157.974	2396.665
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.684	414.621
4) RPL(AMT)	31.463	462.234	b) Mumbai Drawl	25.623	430.305
5) SWPGPL	8.130	126.304	c) MSEDCL Bilateral *	37.168	542.833
6) Other IPP	19.011	281.050	Include PX	5.266	64.819
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.684	414.063
C) 1) TPCL Thermal	12.037	89.818	Include PX	13.373	223.979
2) TPCL Hydro	4.466	92.415	Standby	0.000	0.558
3) TPCL Gas	4.323	54.980	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.010	178.760	1) MSEDCL	469.935	7057.885
D) STATE			2) Mumbai Discoms	58.459	846.276
1) Thermal	326.039	4784.776	TOTAL STATE	528.394	7904.161
(A1+C1+C4+(B1-B6))					
2) Hydro	18.525	331.220			
(A2+C2)					
3) Gas	11.479	152.112			
(A3+B7+C3)					
4) Wind	6.305	117.365			
6) SOLAR	8.072	122.025			
TOTAL STATE	370.420	5507.498			

* 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	7200	7237	7070	6918
MSPGCL Hydro	969	885	357	141
MSPGCL Gas	268	255	269	369
MSPGCL Total Generation	8437	8377	7696	7428
Central Sector Receipt	7762	7709	5757	5986
WIND	144	95	599	244
CPP / IPP Thermal	5493	5495	5554	5398
CPP / IPP Gas	0	0	0	0
SOLAR	1144	1166	0	0
Exchange with Mumbai	-1307	-1436	-1046	-948
MSEDCL DEMAND MET	21673	21406	18560	18108
Load Shedding	0	0	0	0
MSEDCL DEMAND	21673	21406	18560	18108
TPCL GENERATION	1114	978	1092	436
AEML GENERATION	500	500	501	500
MUMBAI DEMAND	2921	2914	2639	1884
STATE DEMAND MET	24594	24320	21199	19992
STATE DEMAND	24594	24320	21199	19992
Frequency (Hz)	49.99	49.98	50.02	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06.02 Hrs	49.71 Hz at 18.53 Hrs	50	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 15/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.58	42.63	180	125
Unit 7	3.20	35.50	153	115
Unit 8	11.94	165.18	545	458
Unit 9	11.75	167.10	517	440
Unit 10	12.21	170.42	530	500
Total	42.67	580.83		
Bhusawal				
Unit 3	4.24	60.92	190	130
Unit 4	0.00	149.68	0	0
Unit 5	11.88	175.20	500	485
Total	16.12	385.80		
Parli				
Unit 6	3.64	74.85	257	0
Unit 7	5.88	57.11	249	202
Unit 8	5.56	84.64	250	219
Total	15.08	216.61		
Chandrapur				
Unit 3	3.44	47.19	147	142
Unit 4	3.48	53.58	148	137
Unit 5	9.95	150.87	425	375
Unit 6	10.10	149.78	427	410
Unit 7	0.00	0.00	0	0
Unit 8	11.34	176.51	500	445
Unit 9	11.75	171.56	500	476
Total	50.06	749.49		
Paras				
Unit 3	5.12	75.93	230	195
Unit 4	5.18	43.66	240	0
Total	10.30	119.60		
Khaparkheda				
Unit 1	2.94	47.34	130	115
Unit 2	3.78	57.16	165	145
Unit 3	4.83	69.05	205	180
Unit 4	4.62	66.06	197	182
Unit 5	10.88	158.65	490	430
Total	27.05	398.27		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.94	58.98	198	127
Unit 5	3.95	50.81	199	120
Total	7.89	109.79		
Uran				
All Units	7.16	97.13	390	255
Total	7.16	97.13		
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)	0.17	2.20	23	0
Total	0.17	2.20		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.60	60.86	510	40
Stage 4	4.35	82.65	723	0
Stage 3	1.45	30.63	160	0
Total	10.41	174.14		
Hydro				
KDPH	0.86	10.70	36	36
VTRNA	0.83	6.43	59	0
TILLARI	0.17	6.63	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	5.30	80	0
RNGR+BHTSA	0.32	5.08	14	13
BHANDARDRA	0.44	6.46	28	13
ELDARY	0.36	4.61	15	15
SMLHY_PTN	0.39	7.34	17	16
GHATGHAR	0.00	12.12	0	0
Total	3.65	64.67		
Wind				
Total	6.30	117.36	0	0
Total	6.30	117.36		
CPP				
APML(Mus)	59.98	893.05	0	0
JSWEL(Mus)	14.22	193.17	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.46	462.23	0	0
SWPGPL-Mus	8.13	126.30	0	0
Other(Mus)	19.01	281.05	0	0
Total	132.81	1955.81		
SOLAR				
Total	8.07	122.02	0	0
Total	8.07	122.02		
Tata				
Trombay 5	6.51	6.51	438	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	33.68	117	109
Trombay 7B	1.60	21.30	67	66
Trombay 8	5.53	83.31	238	173
TATA Hydro	4.47	92.42	404	0
Total	20.83	237.21		
AEML				
DTPS U-1&2	12.01	178.76	501	498
Total	12.01	178.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	169.18	2560.39	MSPGCL Total	190.40	2896.33
			MSPGCL Thml+Gas	176.34	2657.52	Koyna 1,2 & 4 Total	8.96	143.50
			MSPGCL Hydro	14.06	238.80	State Total	370.42	5507.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Mar/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6837	141	377	7355	408	5474	0	0	6661	6203	-1286	18154	0	18154	2200	20354	50.02
2	6874	141	378	7393	287	5403	0	0	6317	6191	-1160	18114	0	18114	2072	20186	49.98
3	6882	136	388	7406	282	5402	0	0	6207	6150	-1035	18205	0	18205	1949	20154	50.00
4	6918	141	369	7428	244	5398	0	0	6147	5986	-948	18108	0	18108	1884	19992	50.05
5	6930	141	390	7461	237	5386	0	0	6219	6271	-834	18521	0	18521	1853	20374	50.04
6	7011	326	345	7682	221	5482	0	0	6701	6767	-837	19315	0	19315	1902	21217	49.99
7	7046	642	294	7982	267	5489	0	3	7370	7316	-680	20377	0	20377	1949	22326	50.03
8	7081	713	294	8088	248	5486	0	168	7460	7500	-684	20806	0	20806	2080	22886	50.04
9	7053	1050	282	8385	191	5487	0	491	6976	6890	-855	20589	0	20589	2343	22932	50.03
10	7132	967	280	8379	298	5587	0	787	6905	6841	-1019	20873	0	20873	2646	23519	50.02
11	7155	738	268	8161	226	5489	0	976	7397	7358	-1219	20991	0	20991	2862	23853	50.02
12	7200	969	268	8437	144	5493	0	1144	7716	7762	-1307	21673	0	21673	2921	24594	49.99
13	7237	885	255	8377	95	5495	0	1166	7889	7709	-1436	21406	0	21406	2914	24320	49.98
14	7129	560	265	7954	72	5511	0	1056	7827	7553	-1361	20785	0	20785	2806	23591	50.02
15	6872	794	266	7932	64	5415	0	961	8183	7993	-1372	20993	0	20993	2838	23831	49.92
16	7044	1225	256	8525	95	5449	0	693	7548	7620	-1326	21056	0	21056	2851	23907	49.94
17	7187	1416	266	8869	105	5789	0	443	6862	6451	-1186	20471	0	20471	2810	23281	49.95
18	7240	738	268	8246	213	5721	0	168	6484	6030	-1053	19325	0	19325	2731	22056	50.01
19	7070	232	278	7580	382	5600	0	16	6249	5886	-1027	18437	0	18437	2629	21066	49.95
20	7070	357	269	7696	599	5554	0	0	5936	5757	-1046	18560	0	18560	2639	21199	50.02
21	6952	237	270	7459	495	5546	0	0	5451	5337	-1067	17770	0	17770	2507	20277	50.01
22	7132	472	269	7873	363	5637	0	0	5340	5405	-972	18306	0	18306	2397	20703	50.01
23	7102	521	290	7913	377	5767	0	0	5441	5505	-942	18620	0	18620	2340	20960	49.96
24	7028	517	271	7816	392	5750	0	0	5676	5493	-971	18480	0	18480	2336	20816	49.92
MUs	169.18	14.06	7.16	190.40	6.30	132.81	0.00	8.07	160.96	157.97	-25.62	469.93	0.00	469.93	58.46	528.39	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 15/Mar/2021

Position as on 6.30 Hrs of 16/Mar/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 5	500	08/02/2021	00.10	15/03/2021	03.49	Annual Overhaul	
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	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
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	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	
MSPGCL	Parli Unit 6	250	13/03/2021	23.43	15/03/2021	07.04	Boiler validity work	
MSPGCL	Bhusawal Unit 4	500	14/03/2021	21.55		Continued.	Boiler Flame Failure.	
MSPGCL	Uran Unit 8	108	15/03/2021	05.57	16/03/2021	00.22	Trail Run.	
MSPGCL	Paras Unit 4	250	15/03/2021	22.29		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 16/Mar/2021

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	12/03/2021	09.27	15/03/2021	07.30	PO	Replacement of damaged earthwire and PID suspicious disc insulator replacement, other maintenance work.
Dhule Sar'Sarovar II	InterState	15/03/2021	10.46	15/03/2021	23.22	T	Distance Protection
Dhule Sar'Sarovar I	InterState	15/03/2021	23.28	16/03/2021	06.45	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 500 Mva ICT III @Aurangabad (Waluj)	IntraState	15/03/2021	12.29		Continued.	PO	New repaired Y phase Unit to be commissioned
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Borivali - Tarapur	InterState	15/03/2021	10.49	15/03/2021	17.44	PO	Maintenance Work
220kv Halkarni- Tillary	IntraState	06/03/2021	09.02		Continued.	PO	Replacement Of Circuit Breaker At Tillary End.
ALKUD - MENDHEGIRI CKT - 1	IntraState	07/03/2021	09.18		Continued.	PO	For Erection Of 220Kv M/C Tower In R/O New 'K' Mahakal-Jath Line Near 220KV Mendhigiri-Alkud Line.
Kalmeshwar-Pandhurna	IntraState	08/03/2021	14.01	15/03/2021	19.20	PO	Routine Maintenance Work
Dahanu Ghodbunder Line 1	IntraState	15/03/2021	10.14	15/03/2021	14.54	PO	CB Marshalling Box Height Raising work
WALCHANDNAGAR - PHALTAN MIDC	IntraState	15/03/2021	10.24	15/03/2021	16.20	PO	Cleaning and coating of insulator string
Uran - Jnpt	IntraState	15/03/2021	10.43	15/03/2021	18.59	PO	Maintenance Work
Kadegaon-Miraj	IntraState	15/03/2021	12.35	15/03/2021	14.37	T	Distance Protection
Kalwa - Mulund 1	IntraState	15/03/2021	16.07	15/03/2021	18.51	PO	Rechecking of Tan delta of R phase CT due to Previous higher reading
Miraj-Ichalkaranji I	IntraState	15/03/2021	16.23	15/03/2021	17.52	PO	Replacement work
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	16/03/2021	01.05	16/03/2021	01.55	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 kv 200 MVA ICT II @Padghe	IntraState	15/03/2021	09.48	15/03/2021	21.01	PO	Reconnecting jumper of isolator between A Bus & B bus
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	15/03/2021	12.50	15/03/2021	17.52	EO	Attending Oil Leakage

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage