

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Mar/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.403	4437.618	1) Gujrat	1.793	64.732
2) Hydro	29.972	484.152	2) Madhya Pradesh	15.199	379.151
3) Gas	6.425	172.833	3) Chattisgarh	3.380	91.110
Total MSPGCL	182.800	5094.603	4) Maharashtra	151.995	3794.121
B) 1) APML	59.984	1563.283	5) Goa (Amona)	-1.540	-34.681
2) JSWEL	12.965	377.549	Total	170.827	4294.433
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.950	707.049
4) RPL(AMT)	31.405	812.785	b) Mumbai Drawl	23.523	737.987
5) SWPGPL	8.982	223.967	c) MSEDCL Bilateral *	40.626	938.954
6) Other IPP	28.120	634.173	Include PX	3.440	83.940
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.950	706.491
C) 1) TPCL Thermal	16.915	276.694	Include PX	1.113	302.789
2) TPCL Hydro	2.819	131.240	Standby	0.000	0.558
3) TPCL Gas	4.234	90.591	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.907	311.890	1) MSEDCL	487.921	12700.509
D) STATE			2) Mumbai Discoms	59.398	1548.403
1) Thermal	316.681	8637.959	TOTAL STATE	547.319	14248.912
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	32.791	615.392			
3) Gas (A3+B7+C3)	10.659	263.424			
4) Wind	8.479	230.014			
6) SOLAR	7.882	207.689			
TOTAL STATE	376.492	9954.478			

* 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 3 Hrs
MSPGCL Thermal	6201	6229	6192	5898
MSPGCL Hydro	1576	1588	1405	530
MSPGCL Gas	242	252	277	270
MSPGCL Total Generation	8020	8068	7874	6698
Central Sector Receipt	8185	8567	6630	6348
WIND	186	81	459	578
CPP / IPP Thermal	5951	5797	5935	5901
CPP / IPP Gas	0	0	0	0
SOLAR	1107	730	0	0
Exchange with Mumbai	-1182	-1352	-1039	-761
MSEDCL DEMAND MET	22266	21892	19859	18764
Load Shedding	0	0	0	0
MSEDCL DEMAND	22266	21892	19859	18764
TPCL GENERATION	1120	1047	1106	893
AEML GENERATION	499	499	499	500
MUMBAI DEMAND	2801	2898	2644	2154
STATE DEMAND MET	25068	24790	22503	20918
STATE DEMAND	25068	24790	22503	20918
Frequency (Hz)	50.01	49.99	49.99	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 18:03 Hrs	49.79 Hz at 14:54 Hrs	50.01	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 27/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.04	85.44	180	145
Unit 7	3.42	73.94	148	134
Unit 8	7.39	276.88	341	276
Unit 9	8.24	283.93	360	330
Unit 10	6.67	278.06	320	246
Total	29.76	998.26		
Bhusawal				
Unit 3	4.20	108.10	185	155
Unit 4	9.48	259.16	475	0
Unit 5	11.88	308.56	500	485
Total	25.55	675.82		
Parli				
Unit 6	0.27	133.08	119	0
Unit 7	5.84	124.09	248	234
Unit 8	5.77	151.06	248	231
Total	11.88	408.23		
Chandrapur				
Unit 3	3.79	77.09	164	149
Unit 4	0.00	54.66	0	0
Unit 5	0.00	247.88	0	0
Unit 6	9.95	268.54	424	400
Unit 7	0.00	0.00	0	0
Unit 8	11.87	281.69	500	470
Unit 9	10.86	304.02	468	433
Total	36.48	1233.89		
Paras				
Unit 3	4.60	135.52	225	0
Unit 4	3.71	96.44	250	128
Total	8.30	231.96		
Khaparkheda				
Unit 1	3.12	71.56	140	105
Unit 2	3.60	99.34	155	140
Unit 3	4.25	123.50	185	160
Unit 4	4.18	115.09	193	140
Unit 5	9.99	286.21	426	410
Total	25.13	695.70		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.62	94.34	200	165
Unit 5	4.68	99.41	200	165
Total	9.30	193.75		
Uran				
All Units	6.42	172.83	293	240
Total	6.42	172.83		
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)	0.31	4.70	27	0
Total	0.31	4.70		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.90	113.70	550	40
Stage 4	11.12	151.37	967	0
Stage 3	3.77	57.28	240	80
Total	21.78	322.35		
Hydro				
KDPH	0.55	20.75	36	19
VTRNA	1.06	16.48	60	0
TILLARI	0.42	12.85	58	0
BHIRA T.R.	0.08	6.68	63	0
SMLHY_PTN	5.26	70.78	237	204
GHATGHAR	0.81	18.11	245	0
Total	8.19	145.66		
Wind				
Total	8.48	230.01	0	0
Total	8.48	230.01		
CPP				
APML(Mus)	59.98	1563.28	0	0
JSWEL(Mus)	12.96	377.55	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.40	812.78	0	0
SWPGPL-Mus	8.98	223.97	0	0
Other(Mus)	28.12	634.17	0	0
Total	141.46	3611.76		
SOLAR				
Total	7.88	207.69	0	0
Total	7.88	207.69		
Tata				
Trombay 5	11.37	131.03	484	438
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	54.30	115	101
Trombay 7B	1.57	36.29	68	62
Trombay 8	5.55	145.66	240	205
TATA Hydro	2.82	131.24	270	0
Total	23.97	498.52		
AEML				
DTPS U-1&2	11.91	311.89	500	468
Total	11.91	311.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.40	4437.62	MSPGCL Total	182.80	5094.60
			MSPGCL Thml+Gas	152.83	4610.45	Koyna 1,2 & 4 Total	18.02	265.07
			MSPGCL Hydro	29.97	484.15	State Total	376.49	9954.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5803	1506	279	7588	608	5981	0	0	6371	6487	-997	19666	0	19666	2472	22138	49.98
2	5804	1174	281	7258	687	5900	0	0	6343	6068	-876	19038	0	19038	2295	21332	50.02
3	5898	530	270	6698	578	5901	0	0	6352	6348	-761	18764	0	18764	2154	20918	50.04
4	5942	426	291	6658	609	5908	0	0	6409	6432	-662	18946	0	18946	2045	20990	50.04
5	5997	428	281	6706	548	5900	0	0	6474	6444	-611	18986	0	18986	1991	20978	50.05
6	6014	996	282	7292	485	5865	0	0	6670	6804	-642	19804	0	19804	2014	21818	50.00
7	6098	1490	293	7882	461	5878	0	14	7219	7377	-640	20972	0	20972	2025	22996	50.01
8	6141	1382	282	7804	355	5889	0	193	7383	7672	-667	21246	0	21246	2050	23296	50.04
9	6145	1000	270	7414	287	5889	0	493	7270	7399	-748	20734	0	20734	2207	22942	50.01
10	6181	1220	266	7666	217	5953	0	778	7035	7426	-919	21122	0	21122	2446	23568	50.00
11	6173	1380	264	7818	199	5941	0	943	7485	7817	-1109	21608	0	21608	2677	24286	50.03
12	6201	1576	242	8020	186	5951	0	1107	8034	8185	-1182	22266	0	22266	2801	25068	50.01
13	6241	1174	262	7678	129	5847	0	1067	8247	8204	-1264	21660	0	21660	2798	24458	50.04
14	6191	692	241	7124	79	5778	0	1028	8416	8388	-1268	21130	0	21130	2751	23880	50.03
15	6201	1390	240	7830	72	5766	0	896	8305	8463	-1374	21654	0	21654	2849	24502	49.94
16	6229	1588	252	8068	81	5797	0	730	8480	8567	-1352	21892	0	21892	2898	24790	49.99
17	6236	2188	265	8690	111	5873	0	455	7759	7470	-1195	21404	0	21404	2833	24236	50.00
18	6176	2120	265	8562	157	5937	0	170	6776	6888	-1091	20622	0	20622	2711	23334	50.04
19	6131	1297	246	7674	305	5914	0	8	6620	6071	-1022	18950	0	18950	2616	21566	50.05
20	6192	1405	277	7874	459	5935	0	0	6450	6630	-1039	19859	0	19859	2644	22503	49.99
21	6117	924	268	7309	498	5933	0	0	6417	6117	-1082	18775	0	18775	2585	21360	49.98
22	6128	1090	268	7486	453	5877	0	0	6376	6317	-1027	19106	0	19106	2520	21626	50.01
23	6129	1207	270	7606	433	5917	0	0	6281	6650	-951	19655	0	19655	2479	22134	50.01
24	6035	1790	270	8095	482	5926	0	0	6297	6603	-1044	20062	0	20062	2537	22599	50.04
MUs	146.40	29.97	6.43	182.80	8.48	141.46	0.00	7.88	169.47	170.83	-23.52	487.92	0.00	487.92	59.40	547.32	50.01

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 27/Mar/2021

Position as on 6.30 Hrs of 28/Mar/2021

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	
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	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	Koyana 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	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	20/03/2021	00.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	20/03/2021	00.05		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	25/03/2021	09.35	27/03/2021	01.47	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	25/03/2021	15.51		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U2	300	26/03/2021	01.13		Continued.	No Schedule	
MSPGCL	Parli Unit 6	250	27/03/2021	02.25		Continued.	Coal mill problem.	
MSPGCL	Koyana STG-IV Unit-2	250	27/03/2021	14.10	27/03/2021	16.10	Butterfly valve trouble.	
MSPGCL	Paras Unit 3	250	27/03/2021	22.40	28/03/2021	07.00	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 28/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
Akola Aurangabad(PG) I	InterState	18/03/2021	12.13		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Akola Aurangabad(PG) II	InterState	18/03/2021	14.34		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Dhule Sar'Sarovar II	InterState	26/03/2021	20.14	27/03/2021	07.23	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/03/2021	18.13		Continued.	HT	Over Voltage
Akola Wardha li	InterState	28/03/2021	22.48		Continued.	T	DT Received.
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
N.Koyna-Karad -Ckt I	IntraState	27/03/2021	08.01	27/03/2021	19.19	PO	Cold line washing of disc insulator.
Padghe - Kalwa- I	IntraState	28/03/2021	04.48	28/03/2021	08.35	EO	To attend Hot Spot
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	27/03/2021	14.55	PO	New repaired Y phase Unit to be commissioned (kept on humming from 26.03.2021, 18.45).
400/220/33kv 315mva lct3 @Lonikand	IntraState	22/03/2021	12.04	27/03/2021	17.58	PO	For Servicing/Overhauling Of 400KV CGL Make C.B(In Service Through TBC)
400/220/33kv 315mva lct3 @Lonikand	IntraState	27/03/2021	12.04	27/03/2021	18.00	PO	For Servicing/Overhauling of 400kv CGL Make C.B.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
ALKUD - MENDHEGIRI CKT - 1	IntraState	07/03/2021	09.18	28/03/2021	21.21	PO	For Erection Of 220Kv M/C Tower In R/O New 'K' Mahakal-Jath Line Near 220KV Mendhigiri-Alkud Line.
Nerul-Trombay	IntraState	23/03/2021	08.47	28/03/2021	01.22	PO	OPGW stringing work
BHIRA (T) - KARANJADE CKT - 7	IntraState	25/03/2021	06.27	28/03/2021	21.34	PO	DFCC work
Dahanu Versova	IntraState	25/03/2021	09.10	27/03/2021	14.52	PO	220kv Circuit Breaker (252) Operating Mechanism Overhauling work of Versova-Dahanu Line Bay 2.
Kharghar-Borivali ckt II	IntraState	25/03/2021	10.01	27/03/2021	16.08	PO	For Overhauling circuit breaker mechanism of 220kv Borivali 2 line.
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	25/03/2021	10.28		Continued.	PO	Railway crossing tower erection work
Salsette - Saki 7	IntraState	26/03/2021	02.09	27/03/2021	15.57	T	Distance Protection
Theur-Jejuri	IntraState	27/03/2021	09.00	27/03/2021	16.17	PO	Replacement of PID faulty insulator string.
Kamba - Kolshet	IntraState	27/03/2021	09.50	27/03/2021	19.45	PO	Chemical cleaning of insulator
Boisar(M) - Ghodbunder I	IntraState	27/03/2021	12.09	27/03/2021	19.34	T	Distance Protection
Roma-Bhavegar	IntraState	27/03/2021	12.30	27/03/2021	13.01	T	Distance Protection
Padghe - Wada	IntraState	27/03/2021	12.30	27/03/2021	12.48	T	Distance Protection
Kolshet-Roma	IntraState	27/03/2021	12.30	27/03/2021	13.01	T	Distance Protection
Warora - Warora Rly Tss 2	IntraState	27/03/2021	12.42	27/03/2021	13.35	PO	ABT meter replacement work.
Jamde-Dondaicha 1	IntraState	27/03/2021	12.49	27/03/2021	15.44	T	Distance Protection

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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 28/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mururd - Tuljapur	IntraState	27/03/2021	13.02	27/03/2021	18.55	T	Distance Protection
Bableshwar- Alephata ckt I	IntraState	27/03/2021	14.51	27/03/2021	15.22	T	Distance Protection
220 KV DEEPNAGAR - VIRODA	IntraState	27/03/2021	18.15	27/03/2021	21.23	PO	LA replacement work at Viroda.
Sonkhar - Trombay	IntraState	28/03/2021	09.28	28/03/2021	17.12	PO	For MMRDA Pile Foundation Work.
Aurangabad (waluj)-Taptitanda ckt-2	IntraState	28/03/2021	11.03	28/03/2021	16.13	PO	For making LILO Arrangement At 220 KV GEORAI.
Shivajinagar - Malegaon	IntraState	28/03/2021	13.26	28/03/2021	15.07	T	Back UP B-PH.
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT I @Dhule	IntraState	27/03/2021	09.21	27/03/2021	11.20	PO	Quarterly Maintainance Work
220/132 KV 100MVA ICT-I @ Belewadi	IntraState	27/03/2021	10.03	27/03/2021	13.22	PO	Diagnostic testing work.
220/132 Kv 200 Mva Vijay Ict 2 @Chalisgaon	IntraState	27/03/2021	10.20	27/03/2021	11.56	EO	Attending Hot Spot
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	27/03/2021	11.55	27/03/2021	14.02	T	Proper tightness of HV B CT.
220/132KV 100MVA ICT-II@Belwandi	IntraState	27/03/2021	13.40	27/03/2021	15.00	PO	Diagnostic testing work.
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	28/03/2021	09.27	28/03/2021	17.12	PO	EMCO ICT LV side CT Replacement work

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