

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Mar/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	175.828	1868.701	1) Gujrat	3.151	34.865
2) Hydro	17.570	189.795	2) Madhya Pradesh	15.002	142.019
3) Gas	6.743	69.655	3) Chattisgarh	2.710	39.800
Total MSPGCL	200.141	2128.151	4) Maharashtra	141.534	1565.983
B) 1) APLM	57.070	658.396	5) Goa (Amona)	-1.312	-13.491
2) JSWEL	15.876	135.575	Total	161.085	1769.176
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.573	308.618
4) RPL(AMT)	29.278	337.934	b) Mumbai Drawl	29.103	321.320
5) SWPGPL	8.292	96.123	c) MSEDCL Bilateral *	37.575	403.534
6) Other IPP	18.790	205.586	Include PX	5.126	49.203
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.573	308.060
C) 1) TPCL Thermal	5.562	61.104	Include PX	12.130	171.809
2) TPCL Hydro	6.123	74.025	Standby	0.000	0.558
3) TPCL Gas	3.104	38.204	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.016	130.823	1) MSEDCL	478.295	5186.035
D) STATE			2) Mumbai Discoms	55.908	625.474
1) Thermal	322.712	3494.242	TOTAL STATE	534.203	5811.509
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	23.693	263.820			
3) Gas (A3+B7+C3)	9.847	107.859			
4) Wind	9.143	86.422			
6) SOLAR	7.723	89.992			
TOTAL STATE	373.118	4042.335			

* 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 23 Hrs
MSPGCL Thermal	7551	7591	7255	7246
MSPGCL Hydro	922	484	346	352
MSPGCL Gas	278	268	291	282
MSPGCL Total Generation	8751	8343	7892	7880
Central Sector Receipt	7667	7700	5692	6392
WIND	236	307	802	826
CPP / IPP Thermal	5808	5767	5410	4509
CPP / IPP Gas	0	0	0	0
SOLAR	1064	1111	0	0
Exchange with Mumbai	-1411	-1425	-1341	-1384
MSEDCL DEMAND MET	22114	21803	18456	18223
Load Shedding	0	0	0	0
MSEDCL DEMAND	22114	21803	18456	18223
TPCL GENERATION	827	792	688	382
AEML GENERATION	501	501	501	501
MUMBAI DEMAND	2739	2718	2530	2267
STATE DEMAND MET	24854	24521	20986	20490
STATE DEMAND	24854	24521	20986	20490
Frequency (Hz)	50.01	50.03	50.02	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 12.01 Hrs	49.82 Hz at 22.45 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 11/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	28.51	190	135
Unit 7	3.20	22.88	148	120
Unit 8	11.53	117.42	573	372
Unit 9	11.38	120.89	523	372
Unit 10	11.42	122.81	550	370
Total	41.39	412.51		
Bhusawal				
Unit 3	4.00	45.23	185	130
Unit 4	11.38	124.54	485	455
Unit 5	11.70	128.55	500	450
Total	27.08	298.32		
Parli				
Unit 6	5.48	60.64	250	180
Unit 7	5.63	34.78	248	194
Unit 8	5.63	62.38	250	206
Total	16.74	157.80		
Chandrapur				
Unit 3	3.25	33.84	143	120
Unit 4	3.55	39.78	155	130
Unit 5	9.86	110.98	425	390
Unit 6	10.05	109.42	425	401
Unit 7	0.00	0.00	0	0
Unit 8	11.75	129.70	500	482
Unit 9	11.53	125.86	496	460
Total	50.00	549.58		
Paras				
Unit 3	4.64	55.47	225	135
Unit 4	0.00	25.26	0	0
Total	4.64	80.73		
Khaparkheda				
Unit 1	3.12	35.62	140	115
Unit 2	3.84	41.86	165	130
Unit 3	4.76	50.43	205	150
Unit 4	4.64	48.08	202	155
Unit 5	11.42	114.22	500	450
Total	27.76	290.20		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.07	43.92	197	127
Unit 5	4.15	35.63	198	119
Total	8.22	79.55		
Uran				
All Units	6.74	69.66	294	267
Total	6.74	69.66		
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)	0.15	1.62	24	0
Total	0.15	1.62		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.72	48.45	565	40
Stage 4	6.94	69.02	1009	0
Stage 3	2.41	25.39	240	0
Total	13.07	142.86		
Hydro				
KDPH	0.86	7.24	36	36
VTRNA	0.78	3.00	60	0
TILLARI	0.70	5.06	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	4.06	80	0
RNGR+BHTSA	0.37	3.79	16	12
BHANDARDRA	0.44	4.80	22	13
ELDARY	0.32	3.18	15	12
SMLHY_PTN	0.48	5.78	21	20
GHATGHAR	0.13	10.03	100	0
Total	4.50	46.94		
Wind				
Total	9.14	86.42	0	0
Total	9.14	86.42		
CPP				
APML(Mus)	57.07	658.40	0	0
JSWEL(Mus)	15.88	135.58	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.28	337.93	0	0
SWPGPL-Mus	8.29	96.12	0	0
Other(Mus)	18.79	205.59	0	0
Total	129.31	1433.61		
SOLAR				
Total	7.72	89.99	0	0
Total	7.72	89.99		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.80	23.17	103	62
Trombay 7B	1.30	15.04	64	50
Trombay 8	5.56	61.10	234	229
TATA Hydro	6.12	74.02	434	25
Total	14.79	173.33		
AEML				
DTPS U-1&2	12.02	130.82	502	499
Total	12.02	130.82		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	175.83	1868.70	MSPGCL Total	200.14	2128.15
			MSPGCL Thml+Gas	182.57	1938.36	Koyna 1,2 & 4 Total	10.67	117.47
			MSPGCL Hydro	17.57	189.80	State Total	373.12	4042.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	7342	163	293	7798	455	5518	0	0	6463	6511	-1237	19044	0	19044	2217	21262	50.02
2	7348	196	292	7836	380	5512	0	0	6394	6296	-1219	18804	0	18804	2078	20882	50.04
3	7373	205	272	7850	279	5503	0	0	6304	6159	-1102	18689	0	18689	1959	20648	50.03
4	7385	198	294	7877	263	5516	0	0	6231	6145	-1016	18784	0	18784	1876	20660	50.03
5	7379	210	293	7882	256	5520	0	0	6455	6482	-984	19156	0	19156	1842	20998	50.01
6	7367	890	293	8550	194	5530	0	0	6714	6415	-1003	19686	0	19686	1902	21588	49.97
7	7381	1601	284	9266	106	5558	0	2	6920	6660	-804	20788	0	20788	1946	22734	50.02
8	7500	1960	294	9754	107	5714	0	153	6487	6263	-770	21222	0	21222	2031	23252	50.04
9	7506	1536	282	9324	60	5813	0	410	6333	6408	-928	21087	0	21087	2228	23315	50.02
10	7520	1207	280	9007	162	5797	0	720	6823	6935	-1175	21446	0	21446	2479	23925	49.97
11	7566	919	269	8754	209	5819	0	951	7353	7375	-1357	21751	0	21751	2670	24421	50.02
12	7551	922	278	8751	236	5808	0	1064	7842	7667	-1411	22114	0	22114	2739	24854	50.01
13	7591	484	268	8343	307	5767	0	1111	7963	7700	-1425	21803	0	21803	2718	24521	50.03
14	7459	380	267	8106	260	5432	0	1075	8004	7837	-1370	21340	0	21340	2600	23940	50.02
15	7242	623	268	8133	231	5054	0	951	8238	8377	-1387	21359	0	21359	2602	23961	50.00
16	7180	1651	278	9109	264	5038	0	697	7863	7588	-1391	21306	0	21306	2608	23914	50.01
17	7175	1554	268	8997	288	5298	0	414	7113	7068	-1318	20748	0	20748	2584	23332	50.05
18	7299	929	270	8498	374	5536	0	162	6631	6417	-1286	19702	0	19702	2514	22216	50.00
19	7163	339	280	7782	491	5612	0	13	6378	5847	-1253	18492	0	18492	2487	20979	50.02
20	7255	346	291	7892	802	5410	0	0	5993	5692	-1341	18456	0	18456	2530	20986	50.02
21	6893	247	272	7412	969	4576	0	0	5950	5851	-1276	17532	0	17532	2452	19984	50.01
22	6952	460	292	7704	945	4282	0	0	6099	6511	-1302	18140	0	18140	2346	20486	50.03
23	7246	352	282	7880	826	4509	0	0	6618	6392	-1384	18223	0	18223	2267	20490	49.91
24	7155	198	283	7636	679	5183	0	0	6550	6489	-1364	18623	0	18623	2233	20856	49.98
MUs	175.83	17.57	6.74	200.14	9.14	129.31	0.00	7.72	163.72	161.09	-29.10	478.29	0.00	478.29	55.91	534.20	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 11/Mar/2021

Position as on 6.30 Hrs of 12/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		Continued.	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 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
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	
IPP	JSW (J) U3	300	20/02/2021	11.09	11/03/2021	03.40	No Schedule.	
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	Paras Unit 4	250	10/03/2021	20.04		Continued.	Coal mill problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 12/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	26/02/2021	10.15		Continued.	PO	(MSRDC-Highway Authority) modification of line, Nagpur-Mumbai express Highway Work.
Ektuni - Akola II Ckt I	IntraState	11/03/2021	14.05	11/03/2021	16.55	T	Distance Protection
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	10/03/2021	18.08	11/03/2021	06.42	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/03/2021	18.27		Continued.	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 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA(501MVA ICT charged at 00.04Hrs on 11.03.2021 from HV side only)
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)
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		Continued.	PO	Routine Maintenance Work
Salsette - Saki 7	IntraState	11/03/2021	07.00	11/03/2021	15.16	PO	OPGW Conductor stringing in span
New Koyna - Loteparshuram	IntraState	11/03/2021	12.05	11/03/2021	15.02	EO	Emergency outage
220 KV ICT Outages/Trippings							
220/110KV, 200MVA T/F-III at Mudshingi	InterState	11/03/2021	09.18	11/03/2021	17.53	PO	Replacement of damaged parts of Nitrogen fire protection system
220/132 kV 100 MVA ICT @ Anjangaon	IntraState	24/02/2021	10.30		Continued.	PO	Overhauling and servicing of ICT OLTC and Routine Maintenance Work
220/33kV 100 MVATransformer 2 @Versova R/S	IntraState	11/03/2021	09.38	11/03/2021	16.36	PO	Disconnection of Incomer cable
220/132 KV 200 MVA ICT - 2 @ CHINCHWAD 2	IntraState	11/03/2021	10.31	11/03/2021	19.37	PO	Testing Work

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