

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Apr/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.119	1787.613	1) Gujrat	1.872	20.671
2) Hydro	17.234	311.265	2) Madhya Pradesh	15.514	189.526
3) Gas	6.850	68.840	3) Chattisgarh	4.360	49.430
Total MSPGCL	156.203	2167.718	4) Maharashtra	161.954	1844.530
B) 1) APML	72.672	738.062	5) Goa (Amona)	-1.332	-15.204
2) JSWEL	12.844	159.203	Total	182.368	2088.953
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.373	288.013
4) RPL(AMT)	31.200	376.030	b) Mumbai Drawl	26.098	272.814
5) SWPGPL	8.777	107.890	c) MSEDCL Bilateral *	54.251	605.308
6) Other IPP	20.657	275.343	Include PX	24.969	241.191
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.373	287.899
C) 1) TPCL Thermal	15.073	190.327	Include PX	4.811	71.957
2) TPCL Hydro	3.946	37.078	Standby	0.000	0.114
3) TPCL Gas	2.632	35.604	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.402	141.162	1) MSEDCL	473.697	5895.595
D) STATE			2) Mumbai Discoms	59.151	676.987
1) Thermal	304.744	3775.630	TOTAL STATE	532.848	6572.582
(A1+C1+C4+(B1-B6))					
2) Hydro	21.180	348.343			
(A2+C2)					
3) Gas	9.482	104.444			
(A3+B7+C3)					
4) Wind	7.994	160.757			
6) SOLAR	7.080	94.453			
TOTAL STATE	350.480	4483.627			

* 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	5411	5752	5626	5206
MSPGCL Hydro	1020	994	595	560
MSPGCL Gas	293	272	275	298
MSPGCL Total Generation	6724	7018	6496	6064
Central Sector Receipt	8771	8718	5927	7329
WIND	152	181	880	137
CPP / IPP Thermal	6211	6206	6243	5802
CPP / IPP Gas	0	0	0	0
SOLAR	992	885	0	0
Exchange with Mumbai	-1249	-1215	-1217	-775
MSEDCL DEMAND MET	21601	21793	18329	18557
Load Shedding	0	0	0	0
MSEDCL DEMAND	21601	21793	18329	18557
TPCL GENERATION	1109	1087	845	738
AEML GENERATION	501	499	459	500
MUMBAI DEMAND	2859	2801	2521	2013
STATE DEMAND MET	24460	24594	20850	20570
STATE DEMAND	24460	24594	20850	20570
Frequency (Hz)	50.01	49.93	50.02	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.03 Hrs	49.78 Hz at 21.06 Hrs	49.99	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 12/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.31	5.92	100	0
Unit 7	0.49	22.80	130	0
Unit 8	8.32	132.30	420	260
Unit 9	9.23	112.97	450	283
Unit 10	6.97	49.12	330	256
Total	25.32	323.11		
Bhusawal				
Unit 3	0.00	30.54	0	0
Unit 4	6.15	107.47	475	0
Unit 5	11.88	140.63	500	470
Total	18.04	278.64		
Parli				
Unit 6	3.32	66.04	246	116
Unit 7	4.87	68.84	249	0
Unit 8	4.89	59.43	213	195
Total	13.09	194.31		
Chandrapur				
Unit 3	0.43	9.38	104	0
Unit 4	0.00	0.00	0	0
Unit 5	10.30	114.03	435	420
Unit 6	9.38	111.08	405	370
Unit 7	0.00	0.00	0	0
Unit 8	11.63	140.39	498	460
Unit 9	10.89	131.82	467	445
Total	42.63	506.70		
Paras				
Unit 3	2.52	63.41	185	0
Unit 4	5.07	65.14	253	0
Total	7.59	128.55		
Khaparkheda				
Unit 1	2.77	33.36	130	110
Unit 2	2.65	33.88	125	70
Unit 3	3.35	43.19	145	135
Unit 4	3.13	40.12	145	123
Unit 5	9.26	110.73	435	340
Total	21.16	261.28		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.29	44.92	200	143
Unit 5	0.00	50.11	0	0
Total	4.29	95.03		
Uran				
All Units	6.85	68.84	299	272
Total	6.85	68.84		
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)	0.06	0.50	23	0
Total	0.06	0.50		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.38	69.82	560	40
Stage 4	4.05	112.29	475	0
Stage 3	2.08	39.48	240	0
Total	10.51	221.59		
Hydro				
KDPH	0.86	10.37	36	36
VTRNA	1.33	11.20	59	0
TILLARI	0.47	4.35	58	0
BHIRA T.R.	0.09	1.78	77	0
SMLHY_PTN	3.97	59.32	188	144
GHATGHAR	0.00	2.65	0	0
Total	6.72	89.68		
Wind				
Total	7.99	160.76	0	0
Total	7.99	160.76		
CPP				
APML(Mus)	72.67	738.06	0	0
JSWEL(Mus)	12.84	159.20	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.20	376.03	0	0
SWPGPL-Mus	8.78	107.89	0	0
Other(Mus)	20.66	275.34	0	0
Total	146.15	1656.53		
SOLAR				
Total	7.08	94.45	0	0
Total	7.08	94.45		
Tata				
Trombay 5	9.85	125.40	482	283
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.48	20.92	73	59
Trombay 7B	1.15	14.69	52	46
Trombay 8	5.23	64.93	239	142
TATA Hydro	3.95	37.08	363	0
Total	21.65	263.01		
AEMIL				
DTPS U-1&2	11.40	141.16	502	287
Total	11.40	141.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.12	1787.61	MSPGCL Total	156.20	2167.72
			MSPGCL Thml+Gas	138.97	1856.45	Koyna 1,2 & 4 Total	8.43	182.11
			MSPGCL Hydro	17.23	311.26	State Total	350.48	4483.63

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Apr/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	5162	1104	298	6564	259	5616	0	0	7639	7437	-1015	18861	0	18861	2394	21255	50.01
2	5158	735	287	6180	271	5594	0	0	7809	7641	-917	18769	0	18769	2234	21003	50.02
3	5176	538	287	6001	159	5687	0	0	7576	7582	-842	18587	0	18587	2095	20682	50.00
4	5206	560	298	6064	137	5802	0	0	7535	7329	-775	18557	0	18557	2013	20570	49.97
5	5291	376	298	5965	140	5925	0	0	7847	7735	-734	19031	0	19031	1959	20990	49.98
6	5299	325	288	5912	118	6036	0	0	8115	8081	-698	19449	0	19449	1997	21446	49.99
7	5300	714	299	6313	125	6148	0	35	8389	8328	-680	20269	0	20269	2010	22279	49.99
8	5469	657	288	6414	82	6256	0	183	8380	8290	-739	20486	0	20486	2097	22583	50.07
9	5541	587	297	6425	96	6236	0	408	8326	8604	-1099	20670	0	20670	2333	23003	50.06
10	5663	814	286	6763	165	6260	0	595	8343	8664	-1420	21027	0	21027	2596	23623	49.93
11	5588	816	274	6678	210	6245	0	907	8582	8361	-1288	21113	0	21113	2805	23918	49.98
12	5411	1020	293	6724	152	6211	0	992	8971	8771	-1249	21601	0	21601	2859	24460	50.01
13	5486	1262	272	7020	124	6199	0	1050	8677	8423	-1239	21577	0	21577	2860	24437	50.01
14	5605	960	272	6837	180	6219	0	937	8690	8295	-1180	21288	0	21288	2761	24049	49.97
15	5752	994	272	7018	181	6206	0	885	8847	8718	-1215	21793	0	21793	2801	24594	49.93
16	5736	832	282	6850	271	6191	0	603	8641	8168	-1280	20803	0	20803	2859	23662	50.02
17	5661	689	283	6633	477	6201	0	338	7938	7669	-1166	20152	0	20152	2818	22970	50.00
18	5594	428	274	6296	661	6086	0	138	7100	6531	-1100	18612	0	18612	2691	21303	50.01
19	5627	371	294	6292	706	5775	0	9	6483	6383	-1254	17911	0	17911	2526	20437	49.99
20	5626	595	275	6496	880	6243	0	0	5918	5927	-1217	18329	0	18329	2521	20850	50.02
21	5649	302	276	6227	1004	6258	0	0	6198	6057	-1148	18398	0	18398	2442	20840	50.00
22	5622	631	295	6548	766	6171	0	0	6435	6280	-1406	18359	0	18359	2410	20769	49.96
23	5728	943	286	6957	469	6254	0	0	6676	6557	-1325	18912	0	18912	2500	21412	49.94
24	5769	981	276	7026	361	6331	0	0	6697	6537	-1112	19143	0	19143	2570	21713	49.98
MUs	132.12	17.23	6.85	156.20	7.99	146.15	0.00	7.08	185.81	182.37	-26.10	473.70	0.00	473.70	59.15	532.85	49.99

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 12/Apr/2021

Position as on 6.30 Hrs of 13/Apr/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital 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 (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)	
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	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.	
MSPGCL	Uran Unit 5	108	02/04/2021	23.19		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	05/04/2021	10.43	12/04/2021	17.47	ID Fan Bearing Temperature High.	
IPP	Adani U-2	660	09/04/2021	01.30	12/04/2021	01.52	APH-A guide Bearing abnormal sound	
MSPGCL	Bhusawal Unit 4	500	10/04/2021	00.00	12/04/2021	06.26	Boiler Tube Leakage	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Bhusawal Unit 3	210	11/04/2021	04.08	13/04/2021	06.43	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	11/04/2021	21.05	12/04/2021	02.20	Furnace Pressure High	
MSPGCL	Koradi Unit 7	210	11/04/2021	22.14	12/04/2021	19.42	AC Failure.	
MSPGCL	Koradi Unit 6	210	11/04/2021	22.15	12/04/2021	16.55	AC Failure.	
MSPGCL	Nasik Unit 5	210	11/04/2021	23.10		Continued.	Foreign Material Observed In Impeller Of ID A.	
MSPGCL	Bhusawal Unit 4	500	12/04/2021	06.39	12/04/2021	08.21	Electrical Protection.	
MSPGCL	Koyna STG-IV Unit-1	250	12/04/2021	10.10		Continued.	Outage For Turbine Guide Bearing Oil Temperature RTD Sensor Work.	
MSPGCL	Parli Unit 7	250	12/04/2021	10.35	12/04/2021	13.25	Due To Flash Over In Coal Mill.	
MSPGCL	Koyna STG-IV Unit-4	250	12/04/2021	15.39	13/04/2021	03.40	Tripped due To Voltage Jerk.	
MSPGCL	Koyna STG-IV Unit-2	250	12/04/2021	15.39	12/04/2021	22.30	Tripped due To Voltage Jerk.	
MSPGCL	Koyna STG-IV Unit-3	250	12/04/2021	15.39	12/04/2021	21.35	Tripped due To Voltage Jerk.	
MSPGCL	Paras Unit 3	250	12/04/2021	15.40		Continued.	Due To Clunker Formation.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Apr/2021

Position as on 6.30 Hrs of 13/Apr/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 6	210	12/04/2021	18.56	12/04/2021	22.35	Due To Both Vacuum Dump Tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 13/Apr/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 I	IntraState	06/04/2021	06.46		Continued.	PO	Nagpur-Mumbai Express Highway Work.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	07/04/2021	13.27		Continued.	EO	H/T at Padghe end
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	11/04/2021	18.43	12/04/2021	08.17	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/04/2021	18.38		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Deepnagar Waluj 1	IntraState	12/04/2021	02.42	12/04/2021	13.12	T	Distance Protection
125 MVAR Bus Reactor @ Warora	IntraState	12/04/2021	09.19	12/04/2021	19.40	PO	For Attending Problem In Nitrogen Injection Fire Prevention & Extinguishing System Of 400KV.125MVR Bus Reactor.
Lonikand I - Koyna stage-IV	IntraState	12/04/2021	15.39	12/04/2021	21.09	T	Distance Protection
Girwali-Solapur (Lamboti)	IntraState	12/04/2021	18.46		Continued.	T	Distance Protection
Deepnagar Waluj 1	IntraState	12/04/2021	19.16	13/04/2021	05.10	T	Distance Protection
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 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	12/04/2021	17.42	12/04/2021	22.35	EO	Testing Of NDR.
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)
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	25/03/2021	10.28		Continued.	PO	Railway crossing tower erection work
Hinganghat - Bhugaon	IntraState	09/04/2021	13.49		Continued.	PO	Work of diversion from LOC 226 to 235 of 220KV wardha-warora & bhugaon hinganghat D/C line being carried out by VIDC under supervision of MSETCL.
Warora - Wardha	IntraState	09/04/2021	14.03		Continued.	PO	Work of diversion from LOC 226 to 235 of 220KV Wardha-Warora & Bhugaon-Hinganghat
Uran - Apta III	IntraState	10/04/2021	18.55	13/04/2021	00.23	EO	Tan Delta Measurment of CTs
Karad - Vita Ckt- II	IntraState	11/04/2021	05.21		Continued.	T	Distance Protection
Chikhli-Jalna-I	IntraState	11/04/2021	21.20		Continued.	HT	To Control Akola ICT loading.
Chikhli-Jalna-II	IntraState	11/04/2021	21.20		Continued.	HT	To Control Akola ICT loading.
Lonand-Baramati	IntraState	12/04/2021	07.19		Continued.	HT	Over Voltage
ACCIL - Apta	IntraState	12/04/2021	14.27	12/04/2021	18.10	PO	Testing Work
Pargaon(Kathapur)-Lonikand	IntraState	12/04/2021	15.40	12/04/2021	16.00	T	Distance Protection
Valve-Jamde	IntraState	12/04/2021	16.36	12/04/2021	19.22	PO	Jumper Connection.
Kharghar-Borivali ckt I	IntraState	12/04/2021	18.44		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/33kv 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	12/04/2021	09.57	12/04/2021	15.15	PO	Replacement Of Doors Of CB Mechanism And Marshaling Box.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	12/04/2021	11.12	12/04/2021	15.02	PO	Transfer Backup Protection On Diff Protection And Make Core Spare Available For Bus Bar 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 12/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 13/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 Kv 50 Mva Bhel Ptr 1 @Padghe	IntraState	12/04/2021	15.42	12/04/2021	18.04	PO	For Connecting CT Ckt In New Bus Bar Protection.