

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Apr/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.875	1514.137	1) Gujrat	1.876	16.288
2) Hydro	15.368	279.748	2) Madhya Pradesh	17.147	158.068
3) Gas	6.887	55.110	3) Chattisgarh	5.030	40.470
Total MSPGCL	166.130	1848.995	4) Maharashtra	163.881	1530.072
B) 1) APLM	60.065	605.165	5) Goa (Amona)	-1.466	-12.914
2) JSWEL	14.968	133.651	Total	186.468	1731.984
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.938	242.372
4) RPL(AMT)	31.314	313.531	b) Mumbai Drawl	19.246	225.361
5) SWPGPL	9.046	90.273	c) MSEDCL Bilateral *	65.677	495.486
6) Other IPP	22.058	233.290	Include PX	35.786	190.251
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.938	242.258
C) 1) TPCL Thermal	15.690	160.907	Include PX	1.757	60.805
2) TPCL Hydro	2.273	32.411	Standby	0.000	0.114
3) TPCL Gas	2.690	30.360	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.338	118.907	1) MSEDCL	487.131	4955.135
D) STATE			2) Mumbai Discoms	51.237	567.948
1) Thermal	308.354	3169.861	TOTAL STATE	538.368	5523.083
(A1+C1+C4+(B1-B6))					
2) Hydro	17.641	312.159			
3) Gas	9.577	85.470			
4) Wind	9.307	142.627			
6) SOLAR	7.021	80.980			
TOTAL STATE	351.900	3791.097			

* 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 22 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5861	5938	5904	5911
MSPGCL Hydro	575	1158	733	792
MSPGCL Gas	273	273	277	297
MSPGCL Total Generation	6709	7369	6914	7000
Central Sector Receipt	9235	8799	5966	6924
WIND	114	183	548	306
CPP / IPP Thermal	5513	5604	5926	5903
CPP / IPP Gas	0	0	0	0
SOLAR	1022	791	0	0
Exchange with Mumbai	-702	-759	-997	-894
MSEDCL DEMAND MET	21891	21986	18357	19239
Load Shedding	0	0	0	0
MSEDCL DEMAND	21891	21986	18357	19239
TPCL GENERATION	965	914	844	985
AEML GENERATION	501	501	485	502
MUMBAI DEMAND	2168	2174	2326	2381
STATE DEMAND MET	24059	24160	20683	21620
STATE DEMAND	24059	24160	20683	21620
Frequency (Hz)	49.95	49.95	49.98	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 00.00 Hrs	49.78 Hz at 16.45 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 10/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	5.42	0	0
Unit 7	2.04	21.74	117	0
Unit 8	10.90	113.93	490	402
Unit 9	11.30	91.97	526	400
Unit 10	8.21	33.92	400	300
Total	32.45	266.98		
Bhusawal				
Unit 3	4.27	29.88	190	140
Unit 4	0.00	101.32	0	0
Unit 5	11.14	116.85	495	415
Total	15.40	248.05		
Parli				
Unit 6	5.82	57.08	250	226
Unit 7	5.87	58.12	249	202
Unit 8	4.22	49.40	248	0
Total	15.90	164.61		
Chandrapur				
Unit 3	0.00	8.95	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.00	93.52	430	322
Unit 6	9.24	92.37	396	350
Unit 7	0.00	0.00	0	0
Unit 8	11.67	117.14	491	471
Unit 9	10.86	109.94	460	435
Total	41.77	421.93		
Paras				
Unit 3	5.22	55.62	245	174
Unit 4	3.88	55.12	245	111
Total	9.09	110.74		
Khaparkheda				
Unit 1	2.62	28.00	125	70
Unit 2	2.50	28.75	125	60
Unit 3	3.49	36.49	150	130
Unit 4	3.11	33.85	142	120
Unit 5	8.84	92.63	400	330
Total	20.57	219.72		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.30	36.13	198	124
Unit 5	4.39	46.00	200	130
Total	8.69	82.12		
Uran				
All Units	6.89	55.11	306	273
Total	6.89	55.11		
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)	0.00	0.40	0	0
Total	0.00	0.40		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.53	61.18	530	40
Stage 4	1.60	106.79	445	0
Stage 3	1.12	36.40	80	0
Total	7.26	204.37		
Hydro				
KDPH	0.86	8.64	36	36
VTRNA	1.01	8.99	60	0
TILLARI	0.70	3.18	58	0
BHIRA T.R.	0.20	1.54	80	0
SMLHY_PTN	5.34	50.38	239	207
GHATGHAR	0.00	2.65	0	0
Total	8.11	75.38		
Wind				
Total	9.31	142.63	0	0
Total	9.31	142.63		
CPP				
APML(Mus)	60.06	605.16	0	0
JSWEL(Mus)	14.97	133.65	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.31	313.53	0	0
SWPGPL-Mus	9.05	90.27	0	0
Other(Mus)	22.06	233.29	0	0
Total	137.45	1375.91		
SOLAR				
Total	7.02	80.98	0	0
Total	7.02	80.98		
Tata				
Trombay 5	10.31	106.14	475	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.53	17.96	79	60
Trombay 7B	1.16	12.40	53	45
Trombay 8	5.38	54.76	241	138
TATA Hydro	2.27	32.41	194	0
Total	20.65	223.68		
AEML				
DTPS U-1&2	11.34	118.91	502	285
Total	11.34	118.91		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.88	1514.14	MSPGCL Total	166.13	1849.00
			MSPGCL Thml+Gas	150.76	1569.25	Koyna 1,2 & 4 Total	6.13	167.97
			MSPGCL Hydro	15.37	279.75	State Total	351.90	3791.10

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Apr/2021

Annexure-2

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	6023	637	276	6936	1025	5824	0	0	7249	7360	-1050	20094	0	20094	2392	22486	50.02
2	6050	412	287	6749	770	5706	0	0	7489	7243	-926	19542	0	19542	2189	21730	49.96
3	6055	511	288	6854	493	5658	0	0	7541	7370	-754	19620	0	19620	2056	21676	49.94
4	6081	354	298	6733	348	5695	0	0	7431	7668	-616	19828	0	19828	1950	21778	50.01
5	6087	351	299	6737	250	5690	0	0	7775	7742	-557	19862	0	19862	1896	21758	50.01
6	6075	501	289	6865	244	5662	0	0	8198	8396	-574	20593	0	20593	1918	22511	50.02
7	6092	1054	299	7445	242	5658	0	36	8407	8577	-569	21389	0	21389	1891	23280	50.01
8	6194	801	288	7283	198	5648	0	185	8740	8410	-591	21133	0	21133	1912	23045	50.04
9	6141	525	288	6954	117	5645	0	446	8620	8246	-654	20754	0	20754	2006	22760	50.01
10	6133	682	306	7121	117	5642	0	711	8517	8976	-724	21843	0	21843	2103	23946	50.03
11	5999	550	275	6824	148	5587	0	915	9081	8724	-743	21455	0	21455	2161	23616	50.05
12	5861	575	273	6709	114	5513	0	1022	9448	9235	-702	21891	0	21891	2168	24059	49.95
13	6001	648	273	6922	99	5574	0	959	9081	8886	-717	21723	0	21723	2184	23907	49.99
14	5861	504	293	6658	108	5625	0	934	8730	9280	-732	21873	0	21873	2158	24031	49.98
15	5938	1158	273	7369	183	5604	0	791	9002	8799	-759	21986	0	21986	2174	24160	49.95
16	5901	1156	273	7330	380	5746	0	556	9062	8626	-742	21896	0	21896	2163	24059	49.97
17	5921	467	283	6671	517	5748	0	339	8257	7963	-693	20545	0	20545	2112	22657	49.94
18	5948	449	285	6682	478	5857	0	119	7047	6839	-708	19267	0	19267	2082	21349	49.97
19	5923	446	286	6655	664	5819	0	8	6274	6006	-1060	18092	0	18092	2091	20183	50.00
20	5924	577	286	6787	758	5929	0	0	6160	6166	-1216	18424	0	18424	2225	20649	50.00
21	5939	454	297	6690	747	5882	0	0	5846	6060	-1303	18076	0	18076	2283	20359	50.05
22	5904	733	277	6914	548	5926	0	0	5815	5966	-997	18357	0	18357	2326	20683	49.98
23	5911	792	297	7000	306	5903	0	0	6687	6924	-894	19239	0	19239	2381	21620	49.97
24	5913	1031	298	7242	453	5912	0	0	7134	7006	-965	19648	0	19648	2416	22064	50.00
MUs	143.87	15.37	6.89	166.13	9.31	137.45	0.00	7.02	187.59	186.47	-19.25	487.13	0.00	487.13	51.24	538.37	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 10/Apr/2021

Position as on 6.30 Hrs of 11/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	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.	
MSPGCL	Koradi Unit 6	210	02/04/2021	12.19	11/04/2021	08.32	Fire in boiler electric board.	
MSPGCL	Uran Unit 5	108	02/04/2021	23.19		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	05/04/2021	10.43		Continued.	ID Fan Bearing Temperature High.	
IPP	Adani U-2	660	09/04/2021	01.30		Continued.	APH-A guide Bearing abnormal sound	
MSPGCL	Bhusawal Unit 4	500	10/04/2021	00.00		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	10/04/2021	13.12	10/04/2021	17.56	ON PA Header Pressure Low.	
MSPGCL	Koradi Unit 7	210	10/04/2021	21.58	11/04/2021	08.22	Station Transformer no.4 Tripped.	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Bhusawal Unit 3	210	11/04/2021	04.08		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	11/04/2021	08.58	11/04/2021	18.56	Due To Station Transformer no.3 Tripped.	
MSPGCL	Koradi Unit 7	210	11/04/2021	08.58	11/04/2021	16.57	Due To Station Transformer no.3 Tripped.	
MSPGCL	Paras Unit 4	250	11/04/2021	21.05		Continued.	Furnace Pressure High	
MSPGCL	Koradi Unit 7	210	11/04/2021	22.14		Continued.	AC Failure.	
MSPGCL	Koradi Unit 6	210	11/04/2021	22.15		Continued.	AC Failure.	
MSPGCL	Nasik Unit 5	210	11/04/2021	23.10		Continued.	Foreign Material Observed In Impeller Of ID A.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 11/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		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Deepnagar Waluj 1	IntraState	09/04/2021	23.14	10/04/2021	16.19	T	Distance Protection
Karad-Jaigad - I	IntraState	10/04/2021	08.37	10/04/2021	16.28	PO	For Additional Earthing.
Deepnagar Waluj 1	IntraState	10/04/2021	16.23	11/04/2021	13.43	T	Distance Protection
Babhaleshwar - Padghe-I	IntraState	10/04/2021	17.02	10/04/2021	19.26	T	Distance Protection,,Z1,R-N,20 KM.9.46 KA FROM BBLR END.
Padghe - Kalwa-II	IntraState	11/04/2021	10.45	11/04/2021	14.40	EO	To attend Hot Spot At Y-Phase Kalwa Side on loc no.1064 by Hot line method.
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	09/04/2021	22.53	10/04/2021	00.14	T	Due to rain & lightning.
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	11/04/2021	19.45	11/04/2021	22.22	T	Tripped On NDR Protection.
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
Abhijeet-Wardha-Ii	IntraState	09/04/2021	23.48	10/04/2021	01.23	T	B-PH,Z1,7.9KA,10.8KM.
KORADI 2 - KAULEWADA CKT - I	IntraState	10/04/2021	01.17	10/04/2021	21.26	T	R, Y PH,Z1, 1.3KA & 1.6KA.
Chikhli-Jalna-I	IntraState	10/04/2021	14.35	11/04/2021	07.59	HT	To Control loading of Akola ICT.
Chikhli-Jalna-II	IntraState	10/04/2021	14.35	11/04/2021	07.59	HT	To Control loading of Akola ICT.
Uran - Apta III	IntraState	10/04/2021	18.55		Continued.	EO	Tan Delta Measurment of CTs
Karad - Vita Ckt- I	IntraState	11/04/2021	05.21	11/04/2021	15.11	T	Distance Protection
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.
220 KV ICT Outages/Trippings							
220/33kv 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	10/04/2021	09.43	10/04/2021	14.49	PO	Replacement of doors of CB mechanism and marshaling Box.
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	10/04/2021	10.33	10/04/2021	11.45	PO	Collection Of Oil From Top Side Of Main Tank & OLTC For DGA OF ICT 1.
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	10/04/2021	15.02	10/04/2021	15.25	PO	To Connect new Earth PIT To ICT

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 10/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 11/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Neutral.
220/132 Kv 100 Mva Ict 2 @Sawangi	IntraState	10/04/2021	15.35	10/04/2021	15.45	PO	To Connect new Earth PIT To ICT Neutral.
Backbay : 220 / 110 / 33 250 MVA AT 1	IntraState	11/04/2021	10.54	11/04/2021	15.22	PO	Routine Maintenance Work & Testing Work.