

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Apr/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.592	1370.262	1) Gujrat	0.356	14.412
2) Hydro	24.116	264.380	2) Madhya Pradesh	16.361	140.921
3) Gas	6.855	48.223	3) Chattisgarh	4.530	35.440
Total MSPGCL	183.563	1682.865	4) Maharashtra	153.919	1366.191
B) 1) APLM	60.462	545.100	5) Goa (Amona)	-1.443	-11.448
2) JSWEL	19.469	118.683	Total	173.723	1545.516
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.075	220.433
4) RPL(AMT)	31.279	282.217	b) Mumbai Drawl	22.253	206.115
5) SWPGPL	8.986	81.227	c) MSEDCL Bilateral *	61.909	429.808
6) Other IPP	22.298	211.232	Include PX	27.988	154.465
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.961	220.320
C) 1) TPCL Thermal	14.598	145.217	Include PX	3.334	59.048
2) TPCL Hydro	6.208	30.138	Standby	0.114	0.114
3) TPCL Gas	2.791	27.670	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.025	107.569	1) MSEDCL	498.143	4468.004
D) STATE			2) Mumbai Discoms	57.875	516.711
1) Thermal	321.709	2861.507	TOTAL STATE	556.018	4984.715
(A1+C1+C4+(B1-B6))					
2) Hydro	30.324	294.518			
(A2+C2)					
3) Gas	9.646	75.893			
(A3+B7+C3)					
4) Wind	13.618	133.320			
6) SOLAR	6.998	73.959			
TOTAL STATE	382.295	3439.197			

* 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 4 Hrs
MSPGCL Thermal	6405	6659	6587	5954
MSPGCL Hydro	755	1468	892	1431
MSPGCL Gas	284	273	296	296
MSPGCL Total Generation	7444	8400	7775	7681
Central Sector Receipt	8997	8035	5904	6498
WIND	448	154	699	682
CPP / IPP Thermal	5436	5949	6020	6014
CPP / IPP Gas	0	0	0	0
SOLAR	999	600	0	0
Exchange with Mumbai	-1214	-1164	-766	-833
MSEDCL DEMAND MET	22110	21974	19632	20042
Load Shedding	0	0	0	0
MSEDCL DEMAND	22110	21974	19632	20042
TPCL GENERATION	1083	1099	1201	631
AEML GENERATION	501	501	501	500
MUMBAI DEMAND	2798	2764	2468	1964
STATE DEMAND MET	24908	24738	22100	22006
STATE DEMAND	24908	24738	22100	22006
Frequency (Hz)	50.00	50.01	49.96	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18:02 Hrs	49.8 Hz at 19:12 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 09/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	5.42	0	0
Unit 7	1.91	19.70	130	34
Unit 8	9.66	103.03	502	301
Unit 9	8.68	80.67	415	176
Unit 10	6.41	25.71	301	135
Total	26.66	234.53		
Bhusawal				
Unit 3	4.34	25.61	190	150
Unit 4	10.62	101.32	455	331
Unit 5	11.82	105.72	500	475
Total	26.78	232.64		
Parli				
Unit 6	5.86	51.27	250	210
Unit 7	5.88	52.25	250	202
Unit 8	5.22	45.18	235	202
Total	16.97	148.70		
Chandrapur				
Unit 3	0.00	8.95	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.77	83.52	425	330
Unit 6	9.10	83.13	405	325
Unit 7	0.00	0.00	0	0
Unit 8	11.72	105.48	500	449
Unit 9	10.90	99.08	463	414
Total	41.49	380.16		
Paras				
Unit 3	5.26	50.40	250	181
Unit 4	5.31	51.25	255	180
Total	10.57	101.64		
Khaparkheda				
Unit 1	2.54	25.38	115	95
Unit 2	2.70	26.24	130	105
Unit 3	3.32	33.00	150	125
Unit 4	2.79	30.74	135	90
Unit 5	9.41	83.79	415	347
Total	20.76	199.15		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.65	31.83	198	173
Unit 5	4.71	41.61	200	192
Total	9.36	73.43		
Uran				
All Units	6.86	48.22	306	273
Total	6.86	48.22		
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	4.94	56.64	490	45
Stage 4	8.19	105.19	998	0
Stage 3	3.05	35.28	240	0
Total	16.18	197.11		
Hydro				
KDPH	0.86	7.78	36	36
VTRNA	1.09	7.98	70	0
TILLARI	0.29	2.49	58	0
BHIRA T.R.	0.40	1.34	80	0
SMLHY_PTN	5.30	45.04	232	210
GHATGHAR	0.00	2.65	0	0
Total	7.94	67.27		
Wind				
Total	13.62	133.32	0	0
Total	13.62	133.32		
CPP				
APML(Mus)	60.46	545.10	0	0
JSWEL(Mus)	19.47	118.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.28	282.22	0	0
SWPGPL-Mus	8.99	81.23	0	0
Other(Mus)	22.30	211.23	0	0
Total	142.49	1238.46		
SOLAR				
Total	7.00	73.96	0	0
Total	7.00	73.96		
Tata				
Trombay 5	8.94	95.83	480	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.61	16.43	114	60
Trombay 7B	1.18	11.24	64	46
Trombay 8	5.66	49.38	238	232
TATA Hydro	6.21	30.14	449	18
Total	23.60	203.02		
AEML				
DTPS U-1&2	12.02	107.57	502	500
Total	12.02	107.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.59	1370.26	MSPGCL Total	183.56	1682.86
			MSPGCL Thml+Gas	159.45	1418.48	Koyna 1,2 & 4 Total	13.13	161.84
			MSPGCL Hydro	24.12	264.38	State Total	382.30	3439.20

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Apr/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5976	2000	287	8263	468	6394	0	0	6573	6524	-1003	20646	0	20646	2362	23008	49.98
2	5891	2045	286	8222	495	6100	0	0	6168	6547	-834	20530	0	20530	2191	22721	50.03
3	5822	1722	297	7841	599	6053	0	0	6562	6588	-759	20322	0	20322	2054	22376	50.02
4	5954	1431	296	7681	682	6014	0	0	6666	6498	-833	20042	0	20042	1964	22006	50.04
5	6134	1367	277	7778	765	6069	0	0	6468	6378	-637	20353	0	20353	1929	22282	50.05
6	6244	1053	297	7594	703	6059	0	0	7759	7556	-786	21126	0	21126	1940	23066	50.00
7	6293	1198	287	7778	712	5960	0	20	8077	8048	-598	21920	0	21920	1952	23872	50.01
8	6335	835	287	7457	660	5935	0	147	8125	8290	-677	21812	0	21812	2074	23886	50.07
9	6425	662	306	7393	528	5782	0	407	8251	8201	-922	21390	0	21390	2301	23690	50.01
10	6460	878	276	7614	630	5782	0	626	8392	8318	-1082	21888	0	21888	2572	24460	50.01
11	6372	708	285	7365	645	5643	0	838	9188	8356	-1190	21657	0	21657	2745	24402	50.04
12	6405	755	284	7444	448	5436	0	999	9023	8997	-1214	22110	0	22110	2798	24908	50.00
13	6498	782	273	7553	263	5728	0	1042	8676	8333	-1194	21725	0	21725	2781	24506	50.00
14	6530	825	273	7628	171	5766	0	939	8296	8428	-1170	21762	0	21762	2708	24470	50.02
15	6599	968	283	7850	143	5756	0	824	8676	8587	-1206	21954	0	21954	2742	24696	49.97
16	6659	1468	273	8400	154	5949	0	600	8200	8035	-1164	21974	0	21974	2764	24738	50.01
17	6645	1143	284	8072	227	6010	0	393	7602	7311	-1050	20962	0	20962	2716	23678	50.03
18	6518	713	274	7505	606	6034	0	150	6665	6441	-902	19834	0	19834	2591	22426	50.05
19	6504	659	286	7449	458	5998	0	13	5691	5706	-783	18840	0	18840	2469	21310	50.00
20	6587	892	296	7775	699	6020	0	0	5848	5904	-766	19632	0	19632	2468	22100	49.96
21	6460	507	276	7243	756	6013	0	0	5892	5669	-759	18922	0	18922	2411	21333	49.97
22	6417	427	297	7141	929	6009	0	0	6321	6110	-805	19384	0	19384	2406	21790	50.00
23	6475	394	287	7156	904	5983	0	0	6476	6518	-913	19648	0	19648	2449	22097	49.94
24	6389	684	288	7361	973	6001	0	0	6324	6380	-1006	19709	0	19709	2488	22197	50.00
MUs	152.59	24.12	6.85	183.56	13.62	142.49	0.00	7.00	175.92	173.72	-22.25	498.14	0.00	498.14	57.88	556.02	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 09/Apr/2021

Position as on 6.30 Hrs of 10/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	Koradi Unit 6	210	02/04/2021	12.19		Continued.	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.	
TPC-G	Trombay 5	500	08/04/2021	17.48	09/04/2021	02.54	Fire In cable trenches	
MSPGCL	Koyna STG-IV Unit-2	250	08/04/2021	21.54	09/04/2021	00.05	D.C. Failure	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 10/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
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48			Continued.	EO	Attending Hot Spot
Chandrapur II - Chandrapur ckt 2	IntraState	09/04/2021	15.47	09/04/2021	18.12		T	Over Voltage protection.
Deepnagar Waluj 1	IntraState	09/04/2021	23.14			Continued.	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	09/04/2021	22.53	10/04/2021	00.14		T	Due to rain & lightning.
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 Gr)-Girwali Ckt 2	IntraState	25/03/2021	10.28			Continued.	PO	Railway crossing tower erection work
Badnera - Nandgaonpeth	IntraState	09/04/2021	07.19	09/04/2021	10.25		PO	Attending Hot Spot
Taloja li - OCIL-II	IntraState	09/04/2021	07.33	09/04/2021	19.40		PO	For testing of 220kv SF6 Circuit Breakers & Isolator maintenance.
Pophali - New Koyna	IntraState	09/04/2021	09.39	09/04/2021	16.19		PO	For replacement of B Ph wave trap damaged jump.
Chalisingaon-Sayne	IntraState	09/04/2021	10.18	09/04/2021	13.04		PO	Testing Work
MAHAPE - RELIANCE GIS	IntraState	09/04/2021	10.31	09/04/2021	12.29		PO	For installation of "Repaired IED" of the Lines installed at RTU DC system by Testing Division,Kalwa.
Badnera-Akola I	IntraState	09/04/2021	10.49	09/04/2021	16.08		PO	Testing Work
Mahape - TIFIL	IntraState	09/04/2021	12.31	09/04/2021	13.46		PO	For installation of "Repaired IED" of the Lines
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
Panchanand Taloja	IntraState	09/04/2021	14.55	09/04/2021	16.05		EO	To attend Hot Spot
Chandrapur(MIDC)-Ballarshah II	IntraState	09/04/2021	15.58	09/04/2021	18.12		T	Distance Protection
Uran - Kharghar 2	IntraState	09/04/2021	16.43	09/04/2021	17.09		HT	Fire on grass below the line.
Gadchandur-Ultratech I	IntraState	09/04/2021	17.07	09/04/2021	17.33		T	Distance Protection
220 KV ICT Outages/Trippings								
220/33kv 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	09/04/2021	09.45	09/04/2021	17.21		PO	Replacement of doors of CB mechanism and marshaling Box.
220 Kv /132 Kv 100 Mva Ptr @Chitegaon	IntraState	09/04/2021	14.49	09/04/2021	17.38		PO	Additional neutral earthing connection work.

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