

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Apr/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.722	1217.670	1) Gujrat	2.269	14.056
2) Hydro	36.743	240.264	2) Madhya Pradesh	14.011	124.560
3) Gas	6.907	41.368	3) Chattisgarh	3.790	30.910
Total MSPGCL	197.372	1499.302	4) Maharashtra	151.005	1212.272
B) 1) APLM	63.866	484.638	5) Goa (Amona)	-0.905	-10.005
2) JSWEL	19.859	99.214	Total	170.170	1371.793
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.790	197.359
4) RPL(AMT)	31.415	250.938	b) Mumbai Drawl	23.653	183.862
5) SWPGPL	9.169	72.241	c) MSEDCL Bilateral *	55.164	367.899
6) Other IPP	23.129	188.934	Include PX	20.714	126.477
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.790	197.359
C) 1) TPCL Thermal	14.125	130.619	Include PX	3.769	55.713
2) TPCL Hydro	5.365	23.930	Standby	0.000	0.000
3) TPCL Gas	3.183	24.879	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.027	95.544	1) MSEDCL	508.044	3969.861
D) STATE			2) Mumbai Discoms	58.353	458.836
1) Thermal	327.312	2539.798	TOTAL STATE	566.397	4428.697
(A1+C1+C4+(B1-B6))					
2) Hydro	42.108	264.194			
(A2+C2)					
3) Gas	10.090	66.247			
(A3+B7+C3)					
4) Wind	10.499	119.702			
6) SOLAR	6.218	66.961			
TOTAL STATE	396.227	3056.902			

* 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	6627	6562	6332	6378
MSPGCL Hydro	1131	1155	1567	1560
MSPGCL Gas	295	284	287	288
MSPGCL Total Generation	8053	8001	8186	8226
Central Sector Receipt	8936	8829	5679	6181
WIND	141	293	516	651
CPP / IPP Thermal	6027	5981	6501	5957
CPP / IPP Gas	0	0	0	0
SOLAR	882	735	0	0
Exchange with Mumbai	-1207	-1180	-1095	-649
MSEDCL DEMAND MET	22832	22659	19787	20366
Load Shedding	0	0	0	0
MSEDCL DEMAND	22832	22659	19787	20366
TPCL GENERATION	1104	1094	860	850
AEML GENERATION	501	500	501	502
MUMBAI DEMAND	2812	2774	2456	2001
STATE DEMAND MET	25644	25433	22243	22367
STATE DEMAND	25644	25433	22243	22367
Frequency (Hz)	49.99	49.96	49.97	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.00 Hrs	49.81 Hz at 19.10 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 08/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	5.42	0	0
Unit 7	1.27	17.79	73	0
Unit 8	12.26	93.36	638	344
Unit 9	8.60	71.99	415	182
Unit 10	8.56	19.30	420	238
Total	30.70	207.87		
Bhusawal				
Unit 3	4.38	21.26	185	165
Unit 4	10.72	90.70	455	430
Unit 5	11.84	93.90	500	480
Total	26.94	205.86		
Parli				
Unit 6	5.95	45.40	250	241
Unit 7	5.94	46.37	255	241
Unit 8	5.11	39.96	228	203
Total	17.01	131.73		
Chandrapur				
Unit 3	0.00	8.95	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.03	73.75	440	375
Unit 6	8.91	74.03	405	330
Unit 7	0.00	0.00	0	0
Unit 8	11.85	93.76	500	486
Unit 9	10.77	88.18	472	426
Total	41.55	338.67		
Paras				
Unit 3	5.32	45.13	248	173
Unit 4	5.24	45.94	256	140
Total	10.55	91.07		
Khaparkheda				
Unit 1	2.96	22.84	140	110
Unit 2	2.76	23.54	125	100
Unit 3	3.50	29.67	170	130
Unit 4	3.05	27.95	147	90
Unit 5	9.78	74.38	425	395
Total	22.05	178.39		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.53	27.18	182	0
Unit 5	4.40	36.89	200	147
Total	4.93	64.07		
Uran				
All Units	6.91	41.37	300	274
Total	6.91	41.37		
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)	0.02	0.40	22	0
Total	0.02	0.40		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	7.10	51.71	550	50
Stage 4	16.39	97.00	1002	0
Stage 3	5.76	32.23	240	240
Total	29.25	180.94		
Hydro				
KDPH	0.86	6.91	36	36
VTRNA	1.01	6.89	59	0
TILLARI	0.00	2.20	0	0
BHIRA T.R.	0.18	0.94	77	0
SMLHY_PTN	5.44	39.74	235	219
GHATGHAR	0.00	2.65	0	0
Total	7.49	59.33		
Wind				
Total	10.50	119.70	0	0
Total	10.50	119.70		
CPP				
APML(Mus)	63.87	484.64	0	0
JSWEL(Mus)	19.86	99.21	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.42	250.94	0	0
SWPGPL-Mus	9.17	72.24	0	0
Other(Mus)	23.13	188.93	0	0
Total	147.44	1095.96		
SOLAR				
Total	6.22	66.96	0	0
Total	6.22	66.96		
Tata				
Trombay 5	8.52	86.89	485	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.90	14.82	115	63
Trombay 7B	1.29	10.06	64	48
Trombay 8	5.60	43.73	237	228
TATA Hydro	5.36	23.93	459	4
Total	22.67	179.43		
AEMIL				
DTPS U-1&2	12.03	95.54	502	500
Total	12.03	95.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.72	1217.67	MSPGCL Total	197.37	1499.30
			MSPGCL Thml+Gas	160.63	1259.04	Koyna 1,2 & 4 Total	23.49	148.71
			MSPGCL Hydro	36.74	240.26	State Total	396.23	3056.90

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	6292	2058	276	8626	751	5832	0	0	6334	6824	-1021	21012	0	21012	2421	23433	49.93
2	6287	2056	297	8640	705	5872	0	0	6232	6208	-895	20530	0	20530	2248	22778	49.98
3	6342	1591	299	8232	753	5978	0	0	5966	6255	-766	20452	0	20452	2113	22565	50.00
4	6378	1560	288	8226	651	5957	0	0	5956	6181	-649	20366	0	20366	2001	22367	49.97
5	6427	1457	288	8172	625	5968	0	0	6150	6392	-610	20547	0	20547	1960	22507	50.00
6	6423	1501	300	8224	580	5837	0	0	7034	6902	-637	20906	0	20906	1988	22894	50.02
7	6559	2089	299	8947	391	6030	0	23	6774	6647	-635	21403	0	21403	1999	23402	49.98
8	6571	2075	299	8945	323	6078	0	148	6907	7399	-710	22183	0	22183	2084	24267	50.03
9	6564	1990	288	8842	161	6038	0	334	7266	7379	-932	21822	0	21822	2319	24141	49.99
10	6515	1926	287	8728	150	6070	0	563	7520	8148	-1044	22615	0	22615	2588	25203	49.96
11	6564	1595	287	8446	160	6028	0	770	8359	8277	-1167	22514	0	22514	2760	25274	50.01
12	6627	1131	295	8053	141	6027	0	882	8984	8936	-1207	22832	0	22832	2812	25644	49.99
13	6598	749	274	7621	145	6005	0	915	9020	8984	-1190	22480	0	22480	2795	25275	50.00
14	6560	1010	274	7844	151	5940	0	876	8625	8496	-1115	22192	0	22192	2709	24901	49.96
15	6562	1155	284	8001	293	5981	0	735	8918	8829	-1180	22659	0	22659	2774	25433	49.96
16	6495	1543	285	8323	352	6207	0	549	8418	8339	-1201	22569	0	22569	2784	25353	50.02
17	6392	1581	274	8247	462	6271	0	298	7598	7514	-1096	21696	0	21696	2701	24397	49.92
18	6356	1262	285	7903	512	6449	0	117	6443	6483	-1046	20418	0	20418	2589	23007	50.03
19	6394	1051	285	7730	588	6510	0	8	5729	5709	-1110	19435	0	19435	2470	21905	49.99
20	6332	1567	287	8186	516	6501	0	0	5708	5679	-1095	19787	0	19787	2456	22243	49.97
21	6162	993	286	7441	608	6484	0	0	5700	5766	-1060	19239	0	19239	2423	21662	50.04
22	6179	1264	297	7740	590	6450	0	0	5694	5926	-1037	19669	0	19669	2407	22076	50.02
23	6137	1701	286	8124	500	6456	0	0	5796	6242	-1110	20212	0	20212	2460	22672	50.00
24	6006	1838	287	8131	391	6469	0	0	6000	6655	-1140	20506	0	20506	2492	22998	49.95
MUs	153.72	36.74	6.91	197.37	10.50	147.44	0.00	6.22	167.13	170.17	-23.65	508.04	0.00	508.04	58.35	566.40	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 08/Apr/2021

Position as on 6.30 Hrs of 09/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.	
IPP	Adani U-2	660	04/03/2021	00.10	08/04/2021	14.31	Increase Hydrogen Consumption	
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.	
MSPGCL	Koradi Unit 7	210	06/04/2021	10.57	08/04/2021	02.04	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	06/04/2021	16.41	08/04/2021	20.07	Line Heavy Leakage	
TPC-G	Trombay 5	500	08/04/2021	17.48	09/04/2021	02.54	Fire In cable trenches	
MSPGCL	Koyana 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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 09/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
Lonikand I - Koyna stage-IV	IntraState	08/04/2021	16.41	08/04/2021	19.48	PO	Repair of damaged conductor strands in Tower span
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- I @Jejuri	IntraState	08/04/2021	08.21	08/04/2021	14.45	PO	Annual Maintenance Work
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
Bhugaon-WardhaPG (Deoli)	IntraState	07/04/2021	23.28	08/04/2021	01.45	HT	H/T By WRLDC to control Overdrawal
Nadgaonpeth-Amravati	IntraState	08/04/2021	07.15	08/04/2021	11.15	EO	To attend Hot Spot
Taloja II - OCIL-I	IntraState	08/04/2021	07.37	08/04/2021	18.57	PO	Tan Delta Measurment of CTs
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	08/04/2021	10.47	08/04/2021	14.57	PO	B phase Auxiliary Bus to Aux. Isolator Jump connection
Taptitanda-Jalna ckt II	IntraState	08/04/2021	11.26	08/04/2021	16.22	PO	220KV Auxiliary Bus Extension work
Miraj - Tilwani	IntraState	08/04/2021	17.22	08/04/2021	18.01	PO	Load Management Study
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	08/04/2021	10.00	08/04/2021	13.20	EO	To attend Hot Spot

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