

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Apr/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.960	3151.352	1) Gujrat	0.645	9.410
2) Hydro	21.505	451.940	2) Madhya Pradesh	18.038	317.683
3) Gas	6.831	127.103	3) Chattisgarh	5.470	88.590
Total MSPGCL	169.296	3730.395	4) Maharashtra	166.000	3225.070
B) 1) APLM	65.902	1335.636	5) Goa (Amona)	-1.433	-28.459
2) JSWEL	12.142	270.429	Total	188.720	3612.294
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.953	505.488
4) RPL(AMT)	19.567	621.575	b) Mumbai Drawl	20.531	494.592
5) SWPGPL	8.938	177.172	c) MSEDCL Bilateral *	64.320	1014.135
6) Other IPP	20.118	443.868	Include PX	32.572	377.312
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.953	505.374
C) 1) TPCL Thermal	16.419	323.723	Include PX	1.799	119.019
2) TPCL Hydro	4.465	67.823	Standby	0.000	0.114
3) TPCL Gas	3.117	62.823	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.590	242.670	1) MSEDCL	486.508	10150.625
D) STATE			2) Mumbai Discoms	56.122	1191.633
1) Thermal	295.636	6566.425	TOTAL STATE	542.630	11342.258
(A1+C1+C4+(B1-B6))					
2) Hydro	25.970	519.763			
(A2+C2)					
3) Gas	9.948	189.926			
(A3+B7+C3)					
4) Wind	14.537	287.545			
6) SOLAR	7.819	166.303			
TOTAL STATE	353.910	7729.962			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5802	6004	6030	5813
MSPGCL Hydro	1112	862	751	771
MSPGCL Gas	275	274	296	308
MSPGCL Total Generation	7189	7140	7077	6892
Central Sector Receipt	9035	8977	6416	7150
WIND	443	472	450	1042
CPP / IPP Thermal	5006	5170	5781	5045
CPP / IPP Gas	0	0	0	0
SOLAR	952	946	0	0
Exchange with Mumbai	-973	-984	-643	-740
MSEDCL DEMAND MET	21652	21721	19081	19389
Load Shedding	0	0	0	0
MSEDCL DEMAND	21652	21721	19081	19389
TPCL GENERATION	1047	1022	1246	786
AEML GENERATION	501	501	501	499
MUMBAI DEMAND	2521	2507	2390	2025
STATE DEMAND MET	24173	24228	21471	21414
STATE DEMAND	24173	24228	21471	21414
Frequency (Hz)	50.02	49.97	49.97	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.02 Hrs	49.73 Hz at 03.20 Hrs	49.98	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 21/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.52	35.98	140	0
Unit 7	3.06	50.60	138	116
Unit 8	8.78	227.27	433	296
Unit 9	9.79	186.71	452	330
Unit 10	8.16	120.52	380	310
Total	30.31	621.09		
Bhusawal				
Unit 3	4.23	65.27	185	155
Unit 4	11.46	209.70	485	470
Unit 5	11.65	242.22	500	445
Total	27.34	517.18		
Parli				
Unit 6	4.54	108.74	199	180
Unit 7	4.49	113.14	202	176
Unit 8	4.47	102.40	201	178
Total	13.50	324.29		
Chandrapur				
Unit 3	3.61	40.95	157	144
Unit 4	0.00	0.00	0	0
Unit 5	9.82	204.82	420	390
Unit 6	4.02	150.98	410	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	226.31	0	0
Unit 9	10.61	228.16	467	425
Total	28.06	851.22		
Paras				
Unit 3	5.57	112.86	247	182
Unit 4	5.94	116.95	258	232
Total	11.52	229.81		
Khaparkheda				
Unit 1	2.70	56.40	130	90
Unit 2	0.00	41.06	0	0
Unit 3	4.40	75.86	200	166
Unit 4	3.46	69.62	160	130
Unit 5	10.74	195.57	455	430
Total	21.29	438.52		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.28	82.32	199	122
Unit 5	4.64	86.92	200	137
Total	8.93	169.24		
Uran				
All Units	6.83	127.10	308	273
Total	6.83	127.10		
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)	0.11	1.26	25	0
Total	0.11	1.26		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.24	102.02	460	40
Stage 4	6.43	144.51	500	0
Stage 3	2.45	54.04	160	80
Total	14.12	300.58		
Hydro				
KDPH	0.84	18.06	35	35
VTRNA	1.03	19.45	60	0
TILLARI	0.46	8.64	58	0
BHIRA T.R.	0.26	3.24	80	0
SMLHY_PTN	4.79	99.32	210	185
GHATGHAR	0.00	2.65	0	0
Total	7.39	151.36		
Wind				
Total	14.54	287.54	0	0
Total	14.54	287.54		
CPP				
APML(Mus)	65.90	1335.64	0	0
JSWEL(Mus)	12.14	270.43	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.57	621.58	0	0
SWPGPL-Mus	8.94	177.17	0	0
Other(Mus)	20.12	443.87	0	0
Total	126.67	2848.68		
SOLAR				
Total	7.82	166.30	0	0
Total	7.82	166.30		
Tata				
Trombay 5	10.90	214.00	482	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.84	36.81	107	61
Trombay 7B	1.28	26.01	63	48
Trombay 8	5.52	109.72	241	137
TATA Hydro	4.46	67.82	368	0
Total	24.00	454.37		
AEML				
DTPS U-1&2	11.59	242.67	502	286
Total	11.59	242.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.96	3151.35	MSPGCL Total	169.30	3730.40
			MSPGCL Thml+Gas	147.79	3278.46	Koyna 1,2 & 4 Total	11.67	246.53
			MSPGCL Hydro	21.50	451.94	State Total	353.91	7729.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	5867	1301	297	7465	1088	5314	0	0	7510	7450	-1051	20266	0	20266	2538	22804	49.90
2	5851	1054	287	7192	1087	5084	0	0	7484	6995	-922	19436	0	19436	2310	21746	49.85
3	5847	608	277	6732	1078	5028	0	0	7508	7297	-796	19339	0	19339	2136	21475	49.96
4	5813	771	308	6892	1042	5045	0	0	7227	7150	-740	19389	0	19389	2025	21414	49.90
5	5719	809	278	6806	1038	5022	0	0	7507	7599	-666	19798	0	19798	1987	21786	49.99
6	5774	718	288	6780	976	5008	0	0	8165	8379	-701	20442	0	20442	2044	22486	50.02
7	5758	1124	298	7180	719	4999	0	48	8765	8851	-681	21116	0	21116	2010	23126	50.01
8	5749	1170	288	7207	492	4994	0	246	8671	8686	-725	20900	0	20900	2056	22956	50.00
9	5723	1430	288	7441	405	4991	0	471	8523	8584	-814	21078	0	21078	2211	23289	50.02
10	5744	1281	285	7310	366	5027	0	745	9096	8888	-965	21371	0	21371	2418	23789	50.01
11	5802	1112	275	7189	443	5006	0	952	9162	9035	-973	21652	0	21652	2521	24173	50.02
12	5716	928	284	6928	366	5018	0	1054	9542	9210	-976	21600	0	21600	2556	24156	49.98
13	5788	848	283	6919	397	5005	0	1068	9332	8847	-954	21282	0	21282	2524	23806	49.95
14	5882	729	273	6884	385	5019	0	1033	8703	8850	-913	21258	0	21258	2473	23731	50.02
15	6004	862	274	7140	472	5170	0	946	9158	8977	-984	21721	0	21721	2507	24228	49.97
16	5952	959	273	7184	430	5291	0	693	9444	9026	-1220	21404	0	21404	2509	23913	49.96
17	5931	884	293	7108	461	5413	0	388	8742	8500	-1277	20593	0	20593	2471	23064	49.96
18	5972	816	274	7062	460	5644	0	165	7184	7003	-935	19399	0	19399	2397	21796	50.02
19	6009	353	275	6637	400	5712	0	10	6401	6251	-656	18354	0	18354	2307	20661	49.99
20	6003	512	276	6791	426	5767	0	0	6159	6491	-697	18778	0	18778	2375	21153	50.03
21	6017	577	286	6880	375	5780	0	0	6312	6390	-738	18687	0	18687	2381	21068	50.04
22	6030	751	296	7077	450	5781	0	0	6587	6416	-643	19081	0	19081	2390	21471	49.97
23	6008	940	277	7225	562	5787	0	0	6733	6808	-717	19665	0	19665	2462	22127	50.02
24	6001	968	298	7267	619	5763	0	0	7080	7037	-787	19899	0	19899	2514	22413	50.03
MUs	140.96	21.50	6.83	169.30	14.54	126.67	0.00	7.82	191.00	188.72	-20.53	486.51	0.00	486.51	56.12	542.63	49.98

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 21/Apr/2021

Position as on 6.30 Hrs of 22/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.12.05.21)	
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	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkheda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Chandrapur Unit 6	500	16/04/2021	23.58	21/04/2021	12.28	Boiler validity expiry.	
IPP	Adani U-3	660	17/04/2021	20.55	21/04/2021	13.28	APH-A Hot Bellow leakage	
MSPGCL	Ghatghar Unit-1	125	18/04/2021	18.00		Continued.	Bypass Work.	
IPP	RPL(AMT) U-1	270	20/04/2021	01.00		Continued.	Bottom Ash System Problem.	
MSPGCL	Chandrapur Unit-8	500	20/04/2021	11.00		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	21/04/2021	01.00		Continued.	Due to coal issue.	
MSPGCL	Koradi Unit 6	210	21/04/2021	04.12		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 22/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	20/04/2021	18.29	22/04/2021	06.05	HT	Over Voltage
Akola Wardha I	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddi highway).
Akola Wardha li	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddi highway)
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Padghe - Nagothane - I	IntraState	21/04/2021	02.56	21/04/2021	19.16	T	Distance Protection
Babhaleshwar - Padghe-I	IntraState	21/04/2021	04.58	21/04/2021	07.59	T	Distance Protection
Jaigad-Karad Ckt-I	IntraState	21/04/2021	09.10	21/04/2021	13.23	PO	Hotline insulator washing.
Jaigad-Karad Ckt-II	IntraState	21/04/2021	09.10	21/04/2021	13.23	PO	Hotline insulator washing.
Girwali-Solapur (Lamboti)	IntraState	21/04/2021	11.10	21/04/2021	19.15	PO	Fixing of missing VD.
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.
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)
Trombay - Kalwa	IntraState	14/04/2021	12.27		Continued.	PO	Conductor replacement.
Warora - Hinganghat	IntraState	16/04/2021	18.10		Continued.	HT	Original ckt is Warora Wardha ckt.
Khaparkheda-Kanhan	IntraState	21/04/2021	07.32	21/04/2021	21.21	PO	Shifting CKT on ERS.
Khaparkheda-Ambazari-I	IntraState	21/04/2021	07.32	21/04/2021	21.47	PO	Shifting CKT on ERS.
Kamba - Kolshet	IntraState	21/04/2021	09.15	21/04/2021	19.24	PO	Online stringing of OPGW cable on 220KV Kamba Kolshet line.
Osmanabad - Solapur (Bale)	IntraState	21/04/2021	09.50	21/04/2021	11.29	PO	Quarterly Maintainance Work
Niwali - Pawas Line	IntraState	21/04/2021	11.36	21/04/2021	13.49	EO	Bypass oil leakage CC (R ph).
Kandalgaon - Bhira	IntraState	21/04/2021	12.51	21/04/2021	18.15	PO	Jumper nut bolt tightening and hotspot attending.
220 KV ICT Outages/Trippings							
220/132 Kv 100mva lct 2 @South Solapur (Kumbhari)	IntraState	21/04/2021	11.20	21/04/2021	13.00	PO	Quarterly Maintainance Work

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