

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Apr/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.464	2711.535	1) Gujrat	-2.589	12.168
2) Hydro	14.880	385.247	2) Madhya Pradesh	14.480	270.509
3) Gas	6.763	106.660	3) Chattisgarh	4.610	74.450
Total MSPGCL	173.107	3203.442	4) Maharashtra	154.812	2742.592
B) 1) APLM	60.368	1149.065	5) Goa (Amona)	-1.015	-23.613
2) JSWEL	12.200	233.674	Total	170.298	3076.106
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.682	430.620
4) RPL(AMT)	31.325	544.805	b) Mumbai Drawl	21.859	427.677
5) SWPGPL	8.968	150.007	c) MSEDCL Bilateral *	48.210	845.003
6) Other IPP	18.821	385.222	Include PX	15.957	303.425
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.682	430.507
C) 1) TPCL Thermal	15.310	274.602	Include PX	7.180	107.467
2) TPCL Hydro	1.323	55.219	Standby	0.000	0.114
3) TPCL Gas	3.344	53.860	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.258	207.605	1) MSEDCL	476.798	8687.368
D) STATE			2) Mumbai Discoms	53.094	1018.965
1) Thermal	309.714	5656.515	TOTAL STATE	529.892	9706.333
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	16.203	440.466			
3) Gas (A3+B7+C3)	10.107	160.520			
4) Wind	15.034	231.318			
6) SOLAR	8.536	141.406			
TOTAL STATE	359.594	6630.225			

* 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	6354	6395	6341	6287
MSPGCL Hydro	436	888	478	512
MSPGCL Gas	271	271	296	298
MSPGCL Total Generation	7060	7554	7116	7098
Central Sector Receipt	7272	7977	6321	6651
WIND	753	117	820	854
CPP / IPP Thermal	5496	5446	5470	5520
CPP / IPP Gas	0	0	0	0
SOLAR	1056	965	0	0
Exchange with Mumbai	-744	-981	-1014	-747
MSEDCL DEMAND MET	20894	21078	18712	19376
Load Shedding	0	0	0	0
MSEDCL DEMAND	20894	21078	18712	19376
TPCL GENERATION	880	806	932	817
AEML GENERATION	489	499	501	500
MUMBAI DEMAND	2113	2286	2447	2064
STATE DEMAND MET	23006	23364	21160	21440
STATE DEMAND	23006	23364	21160	21440
Frequency (Hz)	50.05	49.99	49.98	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 16.03 Hrs	49.76 Hz at 19.19 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 18/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.96	27.52	180	135
Unit 7	3.09	41.17	143	114
Unit 8	12.52	195.12	600	312
Unit 9	7.83	161.08	355	300
Unit 10	8.06	95.60	351	275
Total	35.47	520.48		
Bhusawal				
Unit 3	4.40	52.33	190	170
Unit 4	11.46	175.30	480	470
Unit 5	11.78	207.55	500	470
Total	27.63	435.18		
Parli				
Unit 6	4.96	94.91	215	185
Unit 7	4.56	99.59	212	144
Unit 8	4.46	88.83	193	178
Total	13.98	283.32		
Chandrapur				
Unit 3	3.49	30.20	150	127
Unit 4	0.00	0.00	0	0
Unit 5	10.31	174.88	435	425
Unit 6	0.00	146.96	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.76	210.69	495	480
Unit 9	10.72	196.47	460	428
Total	36.28	759.20		
Paras				
Unit 3	5.66	95.78	246	209
Unit 4	6.02	99.00	253	248
Total	11.68	194.78		
Khaparkheda				
Unit 1	1.92	48.48	95	70
Unit 2	0.00	41.06	0	0
Unit 3	3.54	63.59	165	120
Unit 4	3.06	59.08	140	120
Unit 5	8.65	164.58	400	320
Total	17.17	376.79		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.62	68.73	198	118
Unit 5	4.64	73.05	199	131
Total	9.25	141.78		
Uran				
All Units	6.76	106.66	298	262
Total	6.76	106.66		
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)	0.08	1.02	23	0
Total	0.08	1.02		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.06	86.58	405	40
Stage 4	2.36	123.27	500	0
Stage 3	1.79	46.01	160	0
Total	8.21	255.86		
Hydro				
KDPH	0.85	15.52	36	36
VTRNA	1.02	16.70	60	0
TILLARI	0.46	7.14	58	0
BHIRA T.R.	0.07	2.68	53	0
SMLHY_PTN	4.26	84.70	188	165
GHATGHAR	0.00	2.65	0	0
Total	6.67	129.38		
Wind				
Total	15.03	231.32	0	0
Total	15.03	231.32		
CPP				
APML(Mus)	60.37	1149.06	0	0
JSWEL(Mus)	12.20	233.67	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.32	544.80	0	0
SWPGPL-Mus	8.97	150.01	0	0
Other(Mus)	18.82	385.22	0	0
Total	131.68	2462.77		
SOLAR				
Total	8.54	141.41	0	0
Total	8.54	141.41		
Tata				
Trombay 5	10.12	181.44	482	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.00	31.62	117	62
Trombay 7B	1.35	22.24	67	49
Trombay 8	5.19	93.16	240	136
TATA Hydro	1.32	55.22	148	0
Total	19.98	383.68		
AEMIL				
DTPS U-1&2	11.26	207.60	502	285
Total	11.26	207.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.46	2711.54	MSPGCL Total	173.11	3203.44
			MSPGCL Thml+Gas	158.23	2818.20	Koyna 1,2 & 4 Total	6.42	209.86
			MSPGCL Hydro	14.88	385.25	State Total	359.59	6630.22

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	6083	1248	297	7628	611	5521	0	0	7176	7394	-1162	19992	0	19992	2500	22492	49.99
2	6039	964	276	7280	701	5508	0	0	7207	7268	-997	19760	0	19760	2324	22084	50.00
3	6167	662	287	7116	746	5513	0	0	6851	6846	-842	19378	0	19378	2171	21550	49.96
4	6287	512	298	7098	854	5520	0	0	6681	6651	-747	19376	0	19376	2064	21440	49.96
5	6334	558	288	7180	927	5521	0	0	6439	6632	-683	19576	0	19576	2023	21600	49.99
6	6348	672	287	7306	898	5518	0	0	7220	7235	-709	20248	0	20248	2054	22302	49.99
7	6371	582	298	7250	1007	5491	0	48	7530	7594	-661	20730	0	20730	1999	22728	49.98
8	6395	450	278	7122	841	5505	0	257	7545	7204	-620	20310	0	20310	1970	22280	50.02
9	6370	406	296	7072	711	5515	0	588	7204	6771	-711	19946	0	19946	2027	21974	49.99
10	6337	436	284	7056	825	5502	0	851	7021	7083	-815	20502	0	20502	2078	22580	50.03
11	6354	436	271	7060	753	5496	0	1056	7439	7272	-744	20894	0	20894	2113	23006	50.05
12	6369	478	269	7116	460	5487	0	1170	7677	7648	-1083	20798	0	20798	2120	22918	49.97
13	6362	854	279	7494	208	5478	0	1152	7599	7528	-993	20868	0	20868	2151	23018	50.00
14	6341	666	270	7278	123	5484	0	1096	7654	7625	-947	20658	0	20658	2206	22864	50.01
15	6395	888	271	7554	117	5446	0	965	7970	7977	-981	21078	0	21078	2286	23364	49.99
16	6366	764	271	7402	146	5475	0	728	8213	8182	-858	21074	0	21074	2277	23352	50.00
17	6332	624	262	7218	264	5466	0	427	7707	7546	-784	20136	0	20136	2210	22346	50.00
18	6333	580	282	7196	380	5484	0	186	6933	6675	-778	19142	0	19142	2147	21290	50.01
19	6123	398	284	6804	421	5404	0	12	6577	6480	-1066	18056	0	18056	2103	20158	49.98
20	6364	564	273	7200	469	5417	0	0	6608	6482	-1276	18292	0	18292	2268	20560	49.89
21	6352	448	274	7074	444	5458	0	0	6244	6411	-1118	18268	0	18268	2369	20638	49.96
22	6341	478	296	7116	820	5470	0	0	6492	6321	-1014	18712	0	18712	2447	21160	49.98
23	6399	496	286	7182	1110	5506	0	0	6678	6804	-1113	19488	0	19488	2561	22050	50.03
24	6302	718	286	7306	1198	5497	0	0	6615	6669	-1157	19514	0	19514	2626	22140	50.03
MUs	151.46	14.88	6.76	173.11	15.03	131.68	0.00	8.54	171.28	170.30	-21.86	476.80	0.00	476.80	53.09	529.89	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 18/Apr/2021

Position as on 6.30 Hrs of 19/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)	
MSPGCL	Koyna STG-IV Unit-4	250	15/04/2021	12.00	18/04/2021	11.45	Spiral case air drain valve replacement work	
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.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	Ghatghar Unit-2	125	14/04/2021	00.00		Continued.	Maintenance work	
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		Continued.	Boiler validity expiry.	
IPP	Adani U-3	660	17/04/2021	20.55		Continued.	APH-A Hot Bellow leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 19/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 1	IntraState	16/04/2021	22.22	18/04/2021	07.12	PO	To attend work of OLTC of R ph. converter transformer of HVDC pole 1 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
Babhaleshwar - Padghe-II	IntraState	18/04/2021	02.12	18/04/2021	04.36	EO	To attend Hot Spot
Padghe - Nagothane - II	IntraState	18/04/2021	05.15	18/04/2021	08.32	HT	Frequent AR operated
Padghe - Nagothane - I	IntraState	18/04/2021	05.18	18/04/2021	17.14	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 315 MVA ICT-II @Chakan	IntraState	18/04/2021	06.02	18/04/2021	21.35	HT	Load Management
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.
Karad - Kadegaon	IntraState	17/04/2021	17.44	18/04/2021	21.38	EO	Replacement Faulty String Insulator Work At loc No.21 B-PH.
Babhleshwar- Alephata ckt I	IntraState	17/04/2021	21.20	18/04/2021	04.50	EO	Sparking in 29B Phase Isolator
Kalwa-TIFIL	IntraState	18/04/2021	11.58	18/04/2021	13.07	T	Distance Protection
Kandalgaon - ONGC Panvel	IntraState	18/04/2021	13.07	18/04/2021	16.57	T	Distance Protection
Colourchem - Temghar	IntraState	18/04/2021	13.55	18/04/2021	15.18	PO	To attend Hot Spot
Kalwa - Colourchem	IntraState	18/04/2021	16.37	18/04/2021	17.40	EO	To attend Hot Spot
Mulund - GIS Bhandup	IntraState	18/04/2021	19.25	18/04/2021	21.25	T	Distance Protection

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