

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Apr/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.169	2560.071	1) Gujrat	-2.796	14.757
2) Hydro	16.212	370.367	2) Madhya Pradesh	13.463	256.029
3) Gas	6.133	99.897	3) Chattisgarh	4.710	69.840
Total MSPGCL	167.514	3030.335	4) Maharashtra	153.358	2587.780
B) 1) APML	73.369	1088.697	5) Goa (Amona)	-1.542	-22.598
2) JSWEL	12.615	221.474	Total	167.193	2905.808
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.785	407.938
4) RPL(AMT)	31.281	513.480	b) Mumbai Drawl	21.083	405.818
5) SWPGPL	8.954	141.039	c) MSEDCL Bilateral *	41.042	796.793
6) Other IPP	18.537	366.401	Include PX	8.620	287.468
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.785	407.825
C) 1) TPCL Thermal	15.919	259.292	Include PX	7.633	100.287
2) TPCL Hydro	3.066	53.896	Standby	0.000	0.114
3) TPCL Gas	3.760	50.516	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.686	196.347	1) MSEDCL	479.648	8210.570
D) STATE			2) Mumbai Discoms	55.514	965.871
1) Thermal	317.530	5346.801	TOTAL STATE	535.162	9176.441
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	19.278	424.263			
3) Gas (A3+B7+C3)	9.893	150.413			
4) Wind	13.003	216.284			
6) SOLAR	8.265	132.870			
TOTAL STATE	367.969	6270.631			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5947	6377	6139	5923
MSPGCL Hydro	406	732	1346	336
MSPGCL Gas	273	263	285	178
MSPGCL Total Generation	6626	7372	7770	6438
Central Sector Receipt	7926	7899	6521	5848
WIND	349	289	366	1087
CPP / IPP Thermal	6118	6081	5535	6150
CPP / IPP Gas	0	0	0	0
SOLAR	1128	688	0	0
Exchange with Mumbai	-875	-995	-948	-697
MSEDCL DEMAND MET	21272	21334	19244	18826
Load Shedding	0	0	0	0
MSEDCL DEMAND	21272	21334	19244	18826
TPCL GENERATION	1085	1054	1020	810
AEML GENERATION	501	500	500	502
MUMBAI DEMAND	2461	2549	2468	2009
STATE DEMAND MET	23734	23884	21712	20834
STATE DEMAND	23734	23884	21712	20834
Frequency (Hz)	50.00	50.00	49.91	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 10.01 Hrs	49.69 Hz at 22.09 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 17/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	23.56	170	135
Unit 7	3.13	38.08	148	117
Unit 8	9.90	182.60	550	225
Unit 9	6.95	153.25	335	155
Unit 10	7.35	87.54	336	280
Total	31.19	485.02		
Bhusawal				
Unit 3	4.30	47.94	185	150
Unit 4	11.46	163.84	480	475
Unit 5	8.88	195.78	490	0
Total	24.64	407.55		
Parli				
Unit 6	4.41	89.94	217	106
Unit 7	5.32	95.03	248	198
Unit 8	4.74	84.37	200	195
Total	14.47	269.34		
Chandrapur				
Unit 3	3.51	26.71	149	145
Unit 4	0.00	0.00	0	0
Unit 5	10.37	164.57	440	425
Unit 6	0.00	146.96	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.65	198.93	497	460
Unit 9	10.52	185.75	455	418
Total	36.05	722.92		
Paras				
Unit 3	5.83	90.12	250	219
Unit 4	5.59	92.99	255	137
Total	11.42	183.10		
Khaparkheda				
Unit 1	2.63	46.56	130	90
Unit 2	0.00	41.06	0	0
Unit 3	3.24	60.04	145	125
Unit 4	3.04	56.02	138	117
Unit 5	9.34	155.94	440	335
Total	18.25	359.62		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.56	64.11	200	125
Unit 5	4.59	68.41	199	127
Total	9.14	132.53		
Uran				
All Units	6.13	99.90	293	168
Total	6.13	99.90		
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)	0.13	0.94	21	0
Total	0.13	0.94		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.88	82.53	495	40
Stage 4	4.14	120.91	500	0
Stage 3	1.35	44.21	138	0
Total	9.36	247.65		
Hydro				
KDPH	0.85	14.66	36	36
VTRNA	1.01	15.69	60	0
TILLARI	0.46	6.67	58	0
BHIRA T.R.	0.15	2.61	75	0
SMLHY_PTN	4.37	80.43	202	157
GHATGHAR	0.00	2.65	0	0
Total	6.85	122.72		
Wind				
Total	13.00	216.28	0	0
Total	13.00	216.28		
CPP				
APML(Mus)	73.37	1088.70	0	0
JSWEL(Mus)	12.62	221.47	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.28	513.48	0	0
SWPGPL-Mus	8.95	141.04	0	0
Other(Mus)	18.54	366.40	0	0
Total	144.76	2331.09		
SOLAR				
Total	8.26	132.87	0	0
Total	8.26	132.87		
Tata				
Trombay 5	10.68	171.32	483	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.32	29.62	117	61
Trombay 7B	1.44	20.90	67	48
Trombay 8	5.24	87.97	238	138
TATA Hydro	3.07	53.90	318	3
Total	22.74	363.70		
AEML				
DTPS U-1&2	11.69	196.35	502	296
Total	11.69	196.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.17	2560.07	MSPGCL Total	167.51	3030.34
			MSPGCL Thml+Gas	151.30	2659.97	Koyna 1,2 & 4 Total	8.01	203.44
			MSPGCL Hydro	16.21	370.37	State Total	367.97	6270.63

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5692	472	248	6412	870	6083	0	0	6743	7028	-902	19490	0	19490	2424	21914	49.95
2	5836	378	187	6400	1018	6129	0	0	6635	6723	-857	19414	0	19414	2252	21666	49.94
3	5853	358	168	6378	984	6160	0	0	6439	6335	-776	19082	0	19082	2120	21202	50.03
4	5923	336	178	6438	1087	6150	0	0	6355	5848	-697	18826	0	18826	2009	20834	50.02
5	6002	344	179	6524	974	6147	0	0	6336	6132	-642	19136	0	19136	1959	21094	50.03
6	6025	572	208	6804	986	6140	0	0	6695	6754	-673	20012	0	20012	2013	22024	49.97
7	5967	816	230	7012	779	6126	0	41	7332	7276	-644	20590	0	20590	1978	22568	50.00
8	6048	716	268	7032	561	6122	0	233	7408	7150	-663	20436	0	20436	1993	22428	49.95
9	5698	838	287	6824	362	6117	0	540	7216	7481	-791	20532	0	20532	2137	22670	49.99
10	5849	786	276	6910	338	6111	0	796	7514	7475	-885	20746	0	20746	2296	23042	50.03
11	5845	640	274	6760	353	6119	0	1015	7817	7576	-902	20920	0	20920	2402	23322	50.02
12	5947	406	273	6626	349	6118	0	1128	8244	7926	-875	21272	0	21272	2461	23734	50.00
13	5935	394	272	6602	221	6088	0	1177	7989	7779	-933	20934	0	20934	2465	23398	49.94
14	6146	456	293	6896	246	6094	0	1051	7717	7704	-964	21026	0	21026	2446	23472	49.99
15	6333	712	272	7316	259	6060	0	921	7737	7633	-1055	21134	0	21134	2529	23664	49.96
16	6377	732	263	7372	289	6081	0	688	8043	7899	-995	21334	0	21334	2549	23884	50.00
17	6397	910	273	7580	319	6060	0	473	7416	7232	-955	20708	0	20708	2482	23190	49.99
18	6310	600	284	7194	419	6079	0	188	6741	6425	-859	19446	0	19446	2371	21818	50.02
19	6200	338	284	6822	533	6148	0	14	6216	5935	-942	18510	0	18510	2278	20788	50.05
20	6148	644	284	7076	430	6134	0	0	6397	6323	-1190	18772	0	18772	2361	21134	49.93
21	6147	866	285	7298	337	5811	0	0	6244	5960	-980	18426	0	18426	2409	20836	49.88
22	6139	1346	285	7770	366	5535	0	0	6509	6521	-948	19244	0	19244	2468	21712	49.91
23	6166	1226	276	7668	439	5564	0	0	7119	6955	-944	19682	0	19682	2530	22212	49.82
24	6186	1326	286	7798	484	5580	0	0	7135	7123	-1011	19974	0	19974	2582	22556	50.00
MUs	145.17	16.21	6.13	167.51	13.00	144.76	0.00	8.26	170.00	167.19	-21.08	479.65	0.00	479.65	55.51	535.16	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 17/Apr/2021

Position as on 6.30 Hrs of 18/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	Koyana 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	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	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	Uran Unit A0	120	16/04/2021	12.23	17/04/2021	07.27	Joint Islanding trial conductor with mahatransco.	
MSPGCL	Chandrapur Unit 6	500	16/04/2021	23.58		Continued.	Boiler validity expiry.	
MSPGCL	Bhusawal Unit 5	500	17/04/2021	07.56	17/04/2021	11.26	Furnace Pressure High	
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/Tripping for 17/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 18/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/Tripping							
Ektuni - Akola II Ckt I	IntraState	06/04/2021	06.46		Continued.	PO	Nagpur-Mumbai Express Highway Work.
500 KV LINE Outages/Tripping							
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/Tripping							
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	16/04/2021	08.12	17/04/2021	10.18	HT	Line Maintenance work (RFC 19.49)
Dabhol Nagothane I	InterState	17/04/2021	09.41	17/04/2021	18.46	PO	E/W replacement work
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/Tripping							
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/Tripping							
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.
Pandarpur-Khanapur	IntraState	17/04/2021	09.00	17/04/2021	11.58	EO	To attend Hot Spot
Khaparkhedra-Ambazari-II	IntraState	17/04/2021	09.32	17/04/2021	14.02	PO	Testing Work
Wada - Bhavghar	IntraState	17/04/2021	10.20	17/04/2021	18.39	PO	Replacement of Faulty Insulator Strings
Nanded- Bhokar I	IntraState	17/04/2021	10.28	17/04/2021	11.55	EO	To attend Hot Spot
Babhleshwar- Alephata ckt I	IntraState	17/04/2021	12.36	17/04/2021	14.52	T	Distance Protection
Padghe - Temghar I	IntraState	17/04/2021	16.15	17/04/2021	23.40	PO	Replacement of Distance Relay
220KV Chalisagaon-Kopergaon	IntraState	17/04/2021	16.31	17/04/2021	18.48	EO	To attend Hot Spot
Karad - Kadegaon	IntraState	17/04/2021	16.44	17/04/2021	21.38	EO	Replacement of faulty Disc Insulator string
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
220 KV ICT Outages/Tripping							
220/100 Kv 200MVA ICT-I @Padghe	IntraState	17/04/2021	13.14	17/04/2021	18.46	PO	To attend Hot Spot

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