

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Apr/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.715	2253.264	1) Gujrat	-1.476	19.230
2) Hydro	9.995	341.059	2) Madhya Pradesh	12.617	228.516
3) Gas	6.867	89.372	3) Chattisgarh	3.940	61.060
Total MSPGCL	174.577	2683.695	4) Maharashtra	143.388	2289.423
B) 1) APML	67.959	946.130	5) Goa (Amona)	-1.548	-19.233
2) JSWEL	12.699	195.704	Total	156.921	2578.996
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.651	359.268
4) RPL(AMT)	24.282	455.309	b) Mumbai Drawl	27.786	359.500
5) SWPGPL	5.385	125.446	c) MSEDCL Bilateral *	33.680	722.693
6) Other IPP	17.970	328.574	Include PX	5.912	276.318
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.651	359.154
C) 1) TPCL Thermal	12.076	228.512	Include PX	4.530	87.896
2) TPCL Hydro	4.233	47.320	Standby	0.000	0.114
3) TPCL Gas	2.780	43.705	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.015	173.758	1) MSEDCL	451.221	7260.758
D) STATE			2) Mumbai Discoms	58.890	852.797
1) Thermal	310.101	4706.697	TOTAL STATE	510.111	8113.555
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.228	388.379			
3) Gas (A3+B7+C3)	9.647	133.077			
4) Wind	10.719	190.270			
6) SOLAR	8.495	116.134			
TOTAL STATE	353.190	5534.557			

* 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	6690	6780	6641	6398
MSPGCL Hydro	390	620	620	419
MSPGCL Gas	274	273	286	298
MSPGCL Total Generation	7354	7673	7547	7115
Central Sector Receipt	7618	7514	6031	5663
WIND	106	264	563	476
CPP / IPP Thermal	5185	5486	5952	4675
CPP / IPP Gas	0	0	0	0
SOLAR	1132	742	0	0
Exchange with Mumbai	-1101	-1345	-1230	-1074
MSEDCL DEMAND MET	20294	20334	18863	16855
Load Shedding	0	0	0	0
MSEDCL DEMAND	20294	20334	18863	16855
TPCL GENERATION	1072	847	776	544
AEML GENERATION	500	500	501	501
MUMBAI DEMAND	2673	2692	2507	2119
STATE DEMAND MET	22967	23026	21370	18974
STATE DEMAND	22967	23026	21370	18974
Frequency (Hz)	49.93	49.95	49.98	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 08:03 Hrs	49.74 Hz at 19:22 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 15/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.38	15.82	180	130
Unit 7	3.01	31.75	140	103
Unit 8	11.55	162.40	560	364
Unit 9	9.34	137.83	415	350
Unit 10	9.64	72.58	459	331
Total	36.91	420.40		
Bhusawal				
Unit 3	3.40	39.25	190	125
Unit 4	11.22	140.96	480	330
Unit 5	11.67	175.14	500	320
Total	26.30	355.35		
Parli				
Unit 6	3.87	80.34	210	120
Unit 7	4.98	83.88	249	194
Unit 8	5.04	74.59	221	184
Total	13.89	238.81		
Chandrapur				
Unit 3	3.40	19.64	151	112
Unit 4	0.00	0.00	0	0
Unit 5	9.93	143.92	430	279
Unit 6	8.50	137.55	400	286
Unit 7	0.00	0.00	0	0
Unit 8	11.75	175.52	497	476
Unit 9	10.85	164.50	461	425
Total	44.44	641.14		
Paras				
Unit 3	5.48	78.44	254	160
Unit 4	5.69	82.13	256	159
Total	11.17	160.57		
Khaparkheda				
Unit 1	2.24	41.14	110	65
Unit 2	1.50	41.06	115	0
Unit 3	3.29	53.48	160	125
Unit 4	2.95	49.73	133	105
Unit 5	8.32	137.17	365	320
Total	18.28	322.58		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.35	55.07	195	122
Unit 5	3.37	59.34	202	128
Total	6.73	114.41		
Uran				
All Units	6.87	89.37	307	272
Total	6.87	89.37		
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)	0.00	0.76	0	0
Total	0.00	0.76		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.59	75.94	300	40
Stage 4	0.00	114.36	0	0
Stage 3	0.67	41.59	80	0
Total	3.26	231.90		
Hydro				
KDPH	0.86	12.96	36	36
VTRNA	0.94	13.87	60	0
TILLARI	0.46	5.74	58	0
BHIRA T.R.	0.14	2.18	80	0
SMLHY_PTN	4.33	71.76	191	164
GHATGHAR	0.00	2.65	0	0
Total	6.73	109.16		
Wind				
Total	10.72	190.27	0	0
Total	10.72	190.27		
CPP				
APML(Mus)	67.96	946.13	0	0
JSWEL(Mus)	12.70	195.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.28	455.31	0	0
SWPGPL-Mus	5.38	125.45	0	0
Other(Mus)	17.97	328.57	0	0
Total	128.30	2051.16		
SOLAR				
Total	8.50	116.13	0	0
Total	8.50	116.13		
Tata				
Trombay 5	7.92	150.70	480	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.59	25.51	72	62
Trombay 7B	1.19	18.19	52	48
Trombay 8	4.16	77.82	235	139
TATA Hydro	4.23	47.32	310	38
Total	19.09	319.54		
AEMIL				
DTPS U-1&2	12.02	173.76	502	499
Total	12.02	173.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.72	2253.26	MSPGCL Total	174.58	2683.70
			MSPGCL Thml+Gas	164.58	2342.64	Koyna 1,2 & 4 Total	2.59	190.30
			MSPGCL Hydro	10.00	341.06	State Total	353.19	5534.56

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5731	457	277	6465	990	4893	0	0	5753	5891	-1155	17084	0	17084	2583	19667	50.01
2	6230	318	307	6855	1006	4774	0	0	5599	5574	-1036	17173	0	17173	2387	19560	50.02
3	6253	323	278	6854	667	4620	0	0	5670	5874	-1045	16970	0	16970	2236	19206	50.03
4	6398	419	298	7115	476	4675	0	0	5837	5663	-1074	16855	0	16855	2119	18974	49.95
5	6489	323	299	7111	463	4914	0	0	6048	6095	-1045	17538	0	17538	2088	19626	50.06
6	6540	323	290	7153	405	4982	0	0	6868	6778	-1083	18234	0	18234	2126	20360	50.05
7	6552	324	289	7165	348	5126	0	34	7564	7227	-1053	18846	0	18846	2083	20930	50.03
8	6542	346	298	7186	311	5308	0	259	7043	6880	-1107	18837	0	18837	2139	20976	50.05
9	6633	339	298	7270	181	5310	0	567	7093	6986	-1261	19053	0	19053	2334	21387	50.01
10	6686	391	276	7353	86	5246	0	850	7133	7146	-1245	19436	0	19436	2549	21986	50.00
11	6641	336	285	7262	106	5188	0	1046	7447	7194	-1128	19668	0	19668	2676	22344	49.99
12	6690	390	274	7354	106	5185	0	1132	7938	7618	-1101	20294	0	20294	2673	22967	49.93
13	6723	326	272	7321	78	5270	0	1170	7512	7222	-1066	19996	0	19996	2602	22598	49.96
14	6789	311	283	7383	140	5283	0	1151	7315	7318	-1201	20074	0	20074	2606	22680	50.01
15	6796	412	283	7491	227	5285	0	920	7543	7549	-1348	20124	0	20124	2686	22810	49.95
16	6780	620	273	7673	264	5486	0	742	7548	7514	-1345	20334	0	20334	2692	23026	49.95
17	6791	604	285	7680	411	5571	0	446	6867	6822	-1323	19607	0	19607	2671	22278	50.03
18	6666	543	284	7493	540	5771	0	162	6237	6002	-1187	18781	0	18781	2545	21326	50.01
19	6570	351	286	7207	792	5788	0	16	5820	5402	-1088	18117	0	18117	2412	20529	49.94
20	6609	548	275	7432	709	5842	0	0	5785	5691	-1135	18539	0	18539	2488	21027	49.93
21	6621	416	297	7334	566	5933	0	0	5408	5594	-1161	18266	0	18266	2475	20741	49.99
22	6641	620	286	7547	563	5952	0	0	5865	6031	-1230	18863	0	18863	2507	21370	49.98
23	6673	481	287	7441	588	5944	0	0	6499	6503	-1242	19234	0	19234	2578	21812	49.91
24	6671	474	287	7432	696	5948	0	0	6611	6347	-1127	19296	0	19296	2635	21930	49.99
MUs	157.72	10.00	6.87	174.58	10.72	128.29	0.00	8.49	159.00	156.92	-27.79	451.22	0.00	451.22	58.89	510.11	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 15/Apr/2021

Position as on 6.30 Hrs of 16/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		Continued.	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.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	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	Koyna STG-IV Unit-1	250	12/04/2021	10.10		Continued.	Outage For Turbine Guide Bearing Oil Temperature RTD Sensor Work.	
IPP	SWPGPL U-2	135	13/04/2021	12.15		Continued.	Conveyor Belt Problem.	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 16/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.
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
Dabhol Nagothane I	InterState	15/04/2021	09.43	15/04/2021	19.44	PO	E/W replacement work
Dhule Sar'Sarovar I	InterState	15/04/2021	11.03		Continued.	PO	Insulator replacement(RFC 18.40Hrs)
Wardha (Pg) Warora I	InterState	15/04/2021	21.16	16/04/2021	00.51	EO	To attend Hot Spot
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Jejuri- Koynastage-IV	IntraState	15/04/2021	13.25	15/04/2021	17.53	PO	Faulty Insulator replacement work
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.
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	15/04/2021	00.47	15/04/2021	04.12	T	Buccholz Protection Optd
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	15/04/2021	10.19	15/04/2021	19.54	PO	Main Bus CT Tan Delta testing
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
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
Karad - Kadegaon	IntraState	14/04/2021	22.59	16/04/2021	00.21	T	Distance Protection
KORADI 2 - KAULEWADA CKT - II	IntraState	15/04/2021	08.54	15/04/2021	19.24	PO	Replacement of Mid Span Joints
Koradi-Ambazari-I	IntraState	15/04/2021	09.33	15/04/2021	13.26	PO	Line Maintenance work
Trombay Dharavi 6	IntraState	15/04/2021	10.14	15/04/2021	16.42	PO	ARR Commissioning work
Vasai Kamba	IntraState	15/04/2021	10.45	15/04/2021	15.00	PO	Replacement of Faulty Insulator Strings
Karad-Nerle	IntraState	15/04/2021	16.11	15/04/2021	20.51	PO	Extension on new PT to metering Ckt

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