

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Mar/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.315	2027.577	1) Gujrat	6.611	94.097
2) Hydro	13.882	98.350	2) Madhya Pradesh	13.173	187.458
3) Gas	6.734	102.344	3) Chattisgarh	6.870	69.990
Total MSPGCL	179.931	2228.271	4) Maharashtra	116.092	1568.650
B) 1) APLM	75.257	908.812	5) Goa (Amona)	-0.396	-5.346
2) JSWEL	16.816	203.093	Total	142.350	1914.849
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.938	282.412
4) RPL(AMT)	0.000	64.411	b) Mumbai Drawl	22.906	313.482
5) WPCL	2.588	34.200	c) MSEDCL Bilateral *	36.595	429.470
6) Other IPP	15.020	188.213	Include PX	6.185	40.305
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.938	282.412
C) 1) TPCL Thermal	12.589	162.733	Include PX	6.142	86.996
2) TPCL Hydro	3.632	46.405	Standby	0.000	0.000
3) TPCL Gas	3.162	41.883	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.459	123.612	1) MSEDCL	428.998	5507.326
D) STATE			2) Mumbai Discoms	51.748	688.115
1) Thermal	291.044	3712.651	TOTAL STATE	480.746	6195.441
(A1+C1+C4+(B1-B6))					
2) Hydro	17.514	144.755			
(A2+C2)					
3) Gas	9.896	144.227			
(A3+B7+C3)					
4) Wind	11.872	182.378			
6) SOLAR	8.070	96.581			
TOTAL STATE	338.396	4280.592			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6852	7151	6749	6564
MSPGCL Hydro	1081	1125	235	120
MSPGCL Gas	282	269	281	286
MSPGCL Total Generation	8215	8545	7265	6970
Central Sector Receipt	7369	6969	5524	4545
WIND	224	203	492	619
CPP / IPP Thermal	4623	4546	4690	4570
CPP / IPP Gas	0	0	0	0
SOLAR	1085	1086	2	0
Exchange with Mumbai	-1309	-1363	-1115	-828
MSEDCL DEMAND MET	20207	19986	16858	15876
Load Shedding	0	0	0	0
MSEDCL DEMAND	20207	19986	16858	15876
TPCL GENERATION	1033	927	926	619
AEML GENERATION	372	373	374	373
MUMBAI DEMAND	2714	2663	2415	1820
STATE DEMAND MET	22921	22649	19273	17696
STATE DEMAND	22921	22649	19273	17696
Frequency (Hz)	50.00	50.03	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13:01 Hrs	49.82 Hz at 07:15 Hrs	50	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 13/Mar/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.48	139.37	512	376
Unit 9	11.55	151.72	555	400
Unit 10	10.71	139.16	540	370
Total	33.74	430.25		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.33	123.56	495	360
Unit 5	9.42	121.61	485	360
Total	18.76	245.18		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	55.07	0	0
Unit 7	0.00	44.16	0	0
Unit 8	5.31	68.66	250	198
Total	5.31	167.89		
Chandrapur				
Unit 3	4.18	54.26	184	155
Unit 4	3.98	51.76	171	160
Unit 5	10.16	65.78	450	364
Unit 6	10.32	128.00	470	360
Unit 7	10.10	98.32	460	360
Unit 8	11.12	133.63	485	420
Unit 9	10.76	130.12	475	410
Total	60.63	661.88		
Paras				
Unit 3	5.29	68.97	250	121
Unit 4	5.94	69.15	255	204
Total	11.23	138.12		
Khaparkheda				
Unit 1	3.80	51.25	180	130
Unit 2	4.20	53.46	190	160
Unit 3	2.48	49.89	195	0
Unit 4	4.30	45.45	195	160
Unit 5	10.80	132.15	480	360
Total	25.60	332.19		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.05	52.07	197	156
Unit 5	0.00	0.00	0	0
Total	4.05	52.07		
Uran				
All Units	6.73	102.34	300	267
Total	6.73	102.34		
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	0.84	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	0.84		
Koyna				
Stage 1-2	2.11	29.00	470	40
Stage 4	7.10	26.05	960	0
Stage 3	1.98	12.31	240	0
Total	11.19	67.36		
Hydro				
KDPH	0.86	8.88	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.54	5.94	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	2.13	40	0
RNGR+BHTSA	0.35	4.26	15	14
BHANDARDRA	0.45	2.98	29	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	5.30	11	10
GHATGHAR	0.00	1.49	0	0
Total	2.69	30.99		
Wind				
Total	11.87	182.38	0	0
Total	11.87	182.38		
CPP				
APML(Mus)	75.26	908.81	0	0
JSWEL(Mus)	16.82	203.09	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	64.41	0	0
WPCL(Mus)	2.59	34.20	0	0
Other(Mus)	15.02	188.21	0	0
Total	109.68	1398.73		
SOLAR				
Total	8.07	96.58	0	0
Total	8.07	96.58		
Tata				
Trombay 5	8.14	104.45	481	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.86	25.00	102	64
Trombay 7B	1.30	16.88	62	49
Trombay 8	4.45	58.28	241	171
TATA Hydro	3.63	46.40	419	0
Total	19.38	251.02		
AEML				
DTPS U-1&2	9.46	123.61	502	372
Total	9.46	123.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.32	2027.58	MSPGCL Total	179.93	2228.27
			MSPGCL Thml+Gas	166.05	2129.92	Koyna 1,2 & 4 Total	9.20	55.04
			MSPGCL Hydro	13.88	98.35	State Total	338.40	4280.59

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Mar/2020

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	5934	115	284	6333	960	4412	0	0	5392	5452	-786	16371	0	16371	1762	18133	49.97
2	5906	120	287	6313	747	4400	0	0	5367	5290	-668	16082	0	16082	1634	17716	49.99
3	5958	120	287	6365	639	4497	0	0	5187	5404	-588	16317	0	16317	1554	17871	49.99
4	6309	120	279	6708	635	4548	0	0	5111	4923	-542	16272	0	16272	1505	17777	50.00
5	6479	115	299	6893	542	4561	0	0	5366	5062	-559	16499	0	16499	1522	18021	50.00
6	6717	335	279	7331	489	4605	0	0	5872	5697	-506	17616	0	17616	1653	19269	49.99
7	6764	1208	300	8272	385	4615	0	8	6450	6218	-461	19037	0	19037	1824	20861	49.99
8	6769	1594	279	8642	277	4628	0	157	6596	6649	-582	19771	0	19771	2003	21774	49.97
9	6755	1157	288	8200	316	4603	0	463	6611	6187	-779	18990	0	18990	2270	21260	50.02
10	6862	1056	285	8203	264	4510	0	746	6855	6932	-1111	19544	0	19544	2518	22062	50.00
11	6811	1046	281	8138	148	4664	0	930	7012	6915	-1326	19469	0	19469	2659	22128	50.01
12	6852	1081	282	8215	224	4623	0	1085	7395	7369	-1309	20207	0	20207	2714	22921	50.00
13	7151	1125	269	8545	203	4546	0	1086	7095	6969	-1363	19986	0	19986	2663	22649	50.03
14	7114	918	267	8299	266	4523	0	1072	7089	6754	-1317	19597	0	19597	2497	22094	50.07
15	6850	860	287	7997	433	4573	0	966	6827	6833	-1321	19481	0	19481	2503	21984	50.01
16	7001	826	267	8094	525	4603	0	792	6789	6682	-1168	19528	0	19528	2503	22031	50.00
17	7002	708	268	7978	588	4631	0	505	5956	6097	-1087	18712	0	18712	2475	21187	49.99
18	6925	427	269	7621	502	4646	0	222	5385	5678	-1228	17441	0	17441	2446	19887	50.01
19	6818	211	279	7308	485	4653	0	36	5372	5441	-1199	16724	0	16724	2411	19135	50.04
20	6749	235	281	7265	492	4690	0	2	5548	5524	-1115	16858	0	16858	2415	19273	49.98
21	6466	125	272	6863	745	4633	0	0	5274	5113	-1083	16271	0	16271	2281	18552	50.01
22	6210	125	283	6618	726	4428	0	0	5098	5195	-1056	15911	0	15911	2172	18083	50.00
23	6349	135	276	6760	662	4519	0	0	5105	5421	-924	16438	0	16438	1944	18382	49.99
24	6564	120	286	6970	619	4570	0	0	4960	4545	-828	15876	0	15876	1820	17696	50.01
MUs	159.31	13.88	6.73	179.93	11.87	109.68	0.00	8.07	143.71	142.35	-22.91	429.00	0.00	429.00	51.75	480.75	50.00

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 13/Mar/2020

Position as on 6.30 Hrs of 14/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
IPP	JSW (J) U1	300	01/03/2020	06.10		Continued.	Governor Valve Replacement.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
MSPGCL	Uran Unit 6	108	09/03/2020	18.15		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	09/03/2020	20.22		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	12/03/2020	01.00		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 3	210	12/03/2020	01.45	13/03/2020	08.59	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	14/03/2020	21.50		Continued.	CHP C-5 Belt problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 14/Mar/2020

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 I	InterState	12/03/2020	08.35	13/03/2020	06.57	PO	Rusted/Damaged Earthwire replacement and Insulator String replacement work
Chakan Talegaon(Pg)	InterState	12/03/2020	10.03	13/03/2020	22.36	PO	Half yearly maintenance work
Dhule Sar'Sarovar II	InterState	13/03/2020	18.13		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	12/03/2020	15.20	14/03/2020	18.56	HT	Disconnecting 400KV Main Bus-I Jumps by Hot Line
Chandrapur II - Chandrapur ckt 2	IntraState	13/03/2020	09.33	13/03/2020	20.25	PO	Measurement of CT Tan Delta And Capacitance.
Girwali- Lonikand 2	IntraState	14/03/2020	10.38	14/03/2020	17.04	PO	CVT Testing
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	14/03/2020	18.18	14/03/2020	18.53	PO	To take Line Reactor in service
Khadka-Aurangabad (Waluj)	IntraState	14/03/2020	19.43		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	14/03/2020	08.25	14/03/2020	15.31	PO	RTV Coating of ICT-I
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	14/03/2020	13.57	14/03/2020	18.20	PO	Backup Relay replacement
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Borivali - Tarapur	InterState	11/03/2020	20:29	13/03/2020	02.33	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati ss.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/03/2020	11.12		Continued.	PO	Stringing Of New Earth Wire at loc no.112 to 132.
Khadka-Bhadli-1	IntraState	13/03/2020	08.49	13/03/2020	15.46	PO	Diagnostic Testing And Routine Maintenance Work.
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	13/03/2020	09.28	13/03/2020	17.53	PO	Replacement of Old Disc Insulator By Porcelain Long Rod, Dignostic Testing, Broken/Flash Over String Replacement Found During Monkey Patrolling, Signature Analysis, TLS Fixing If Issued.
Peth- Mudshingi -I	IntraState	13/03/2020	09.35	14/03/2020	17.25	PO	Stringing of New Earth Wire
Kamba - Kolshet	IntraState	13/03/2020	11.14	13/03/2020	16.10	PO	Relay Testing Work.
Gangapur-Valve	IntraState	13/03/2020	13.33	13/03/2020	18.13	PO	Relay Testing Work.
Parly-Parly Extn-I	IntraState	13/03/2020	13.33	13/03/2020	20.48	PO	Diagnostic Testing And Old Jumper Removing.
Badnera - Amravati	IntraState	13/03/2020	13.45	13/03/2020	16.54	T	Distance Protection
Temghar - Kalwa	IntraState	13/03/2020	13.55	13/03/2020	19.40	PO	Carry Out Work of Bus Section-4.
Padgha-Temghar-II	IntraState	13/03/2020	13.58	13/03/2020	18.04	PO	Diagnostic Testing Work.
Lonand-Bothe	IntraState	13/03/2020	14.25	13/03/2020	17.17	PO	CRM & Breaker Timing Testing, Relay Testing & Maintenance

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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 14/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Work.
Bhandara-Ultratech	IntraState	13/03/2020	23.46	14/03/2020	01.21	T	Distance Protection
Kanhan-Ultratech	IntraState	13/03/2020	23.46	14/03/2020	00.23	T	Distance Protection
Trombay - Kalwa	IntraState	14/03/2020	07.16		Continued.	PO	String work on newly proposed in line Tower Loc.No.1 in between Loc.No.20 to 21 of existing Line
Parly-Parly Extn.-II	IntraState	14/03/2020	07.34	14/03/2020	13.50	PO	Testing Work
AHMEDNAGAR-BHOSE (BELWANI) CKT-I	IntraState	14/03/2020	10.29	14/03/2020	13.24	PO	Testing Work
Padghe - Kambha	IntraState	14/03/2020	11.58	14/03/2020	17.20	PO	Testing Work
Urse - Talegaon (Ambi) Ckt 2	IntraState	14/03/2020	13.24	14/03/2020	20.02	PO	Chemical washing of Disc Insulators
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT-III @Girwali	IntraState	13/03/2020	09.30	13/03/2020	11.20	PO	Line Maintenance work
220/132 Kv 200 Mva ICT-II @Boisar -li	IntraState	13/03/2020	10.58	13/03/2020	17.05	PO	CTR Make NIS System Maintenance Work By M/s CTR, DFR Test.
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	14/03/2020	16.44	14/03/2020	18.27	EO	Attending Oil Leakage

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