

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.825	1526.825	1) Gujrat	5.091	52.746
2) Hydro	18.986	168.838	2) Madhya Pradesh	13.001	185.038
3) Gas	3.002	68.979	3) Chattisgarh	6.340	96.270
Total MSPGCL	149.813	1764.642	4) Maharashtra	122.761	1425.755
B) 1) APLM	74.209	897.367	5) Goa (Amona)	-0.528	-7.524
2) JSWEL	24.454	311.265	Total	146.665	1752.285
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.989	262.577
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.393	283.147
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	28.557	322.830
6) Other IPP	15.546	199.116	Include PX	8.022	34.089
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.989	262.577
C) 1) TPCL Thermal	15.092	185.865	Include PX	9.381	96.770
2) TPCL Hydro	4.408	40.842	Standby	0.000	0.000
3) TPCL Gas	0.000	28.288	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.410	95.479	1) MSEDCL	391.087	4844.671
D) STATE			2) Mumbai Discoms	54.303	633.620
1) Thermal	262.536	3215.917	TOTAL STATE	445.390	5478.291
(A1+C1+C4+(B1-B6))					
2) Hydro	23.394	209.680			
(A2+C2)					
3) Gas	3.002	97.267			
(A3+B7+C3)					
4) Wind	4.029	133.273			
6) SOLAR	5.764	69.870			
TOTAL STATE	298.725	3726.007			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5447	5343	5546	4567
MSPGCL Hydro	1825	1736	676	105
MSPGCL Gas	125	135	126	109
MSPGCL Total Generation	7397	7214	6348	4781
Central Sector Receipt	7351	7096	5977	5177
WIND	184	261	185	84
CPP / IPP Thermal	5031	5030	4977	4157
CPP / IPP Gas	0	0	0	0
SOLAR	852	886	0	0
Exchange with Mumbai	-1601	-1504	-1354	-890
MSEDCL DEMAND MET	19214	18983	16133	13309
Load Shedding	0	0	0	0
MSEDCL DEMAND	19214	18983	16133	13309
TPCL GENERATION	1020	1022	1009	501
AEML GENERATION	249	250	250	191
MUMBAI DEMAND	2870	2776	2613	1582
STATE DEMAND MET	22084	21759	18746	14891
STATE DEMAND	22084	21759	18746	14891
Frequency (Hz)	49.99	50.00	50.02	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.01 Hrs	49.74 Hz at 07.14 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/Jan/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	11.33	151.45	575	275
Unit 9	12.77	149.80	660	400
Unit 10	11.87	100.23	551	450
Total	35.97	401.48		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	39.82	0	0
Unit 7	0.00	45.72	0	0
Unit 8	0.00	59.31	0	0
Total	0.00	144.86		
Chandrapur				
Unit 3	4.40	54.72	190	163
Unit 4	3.63	49.99	156	104
Unit 5	8.39	110.74	356	338
Unit 6	10.99	136.98	475	360
Unit 7	0.00	0.00	0	0
Unit 8	11.05	138.80	480	360
Unit 9	10.68	133.92	475	340
Total	49.14	625.15		
Paras				
Unit 3	4.85	64.88	245	18
Unit 4	5.52	68.39	250	190
Total	10.37	133.26		
Khaparkheda				
Unit 1	3.94	7.38	180	145
Unit 2	4.20	7.78	180	160
Unit 3	4.34	8.39	196	158
Unit 4	4.45	11.52	195	160
Unit 5	11.23	133.21	500	360
Total	28.16	168.29		
Nasik				
Unit 3	4.18	53.79	195	159
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.18	53.79		
Uran				
All Units	3.00	68.98	139	100
Total	3.00	68.98		
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	1.12	30	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	1.12		
Koyna				
Stage 1-2	4.11	43.80	360	40
Stage 4	9.03	70.28	1005	0
Stage 3	3.07	24.51	320	0
Total	16.20	138.59		
Hydro				
KDPH	0.44	3.88	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.48	6.12	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	1.68	70	0
RNGR+BHTSA	0.34	4.36	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.43	4.47	18	17
GHATGHAR	0.99	9.70	125	0
Total	2.78	30.25		
Wind				
Total	4.03	133.27	0	0
Total	4.03	133.27		
CPP				
APML(Mus)	74.21	897.37	0	0
JSWEL(Mus)	24.45	311.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.55	199.12	0	0
Total	114.21	1407.75		
SOLAR				
Total	5.76	69.87	0	0
Total	5.76	69.87		
Tata				
Trombay 5	9.86	119.28	483	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	15.73	0	0
Trombay 7B	0.00	12.56	0	0
Trombay 8	5.24	66.59	245	181
TATA Hydro	4.41	40.84	294	45
Total	19.50	255.00		
AEML				
DTPS U-1&2	5.41	95.48	250	190
Total	5.41	95.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.82	1526.82	MSPGCL Total	149.81	1764.64
			MSPGCL Thml+Gas	130.83	1595.80	Koyna 1,2 & 4 Total	13.14	114.08
			MSPGCL Hydro	18.99	168.84	State Total	298.72	3726.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Jan/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	4920	140	110	5170	103	4203	0	0	5220	5261	-1098	13639	0	13639	1788	15427	50.03
2	4741	90	100	4931	106	4166	0	0	5111	5032	-968	13267	0	13267	1660	14927	50.00
3	4567	105	109	4781	84	4157	0	0	5047	5177	-890	13309	0	13309	1582	14891	50.02
4	4751	201	110	5062	63	4184	0	0	5042	5012	-839	13482	0	13482	1532	15014	50.00
5	5129	186	110	5425	57	4244	0	0	5181	5383	-849	14260	0	14260	1541	15801	50.00
6	5182	446	101	5729	55	4505	0	0	5954	5828	-978	15139	0	15139	1673	16812	50.03
7	5288	821	138	6247	74	4826	0	2	6700	6377	-986	16540	0	16540	1889	18429	49.95
8	5433	1430	129	6992	71	4886	0	60	6841	6540	-1039	17510	0	17510	2088	19598	49.97
9	5481	1520	139	7140	48	4991	0	290	6715	6920	-1227	18162	0	18162	2373	20535	50.03
10	5556	1420	127	7103	65	5072	0	553	6743	6644	-1377	18060	0	18060	2644	20704	49.99
11	5545	1745	136	7426	123	5038	0	729	7098	7022	-1550	18788	0	18788	2818	21606	50.00
12	5447	1825	125	7397	184	5031	0	852	7370	7351	-1601	19214	0	19214	2870	22084	49.99
13	5343	1736	135	7214	261	5030	0	886	7099	7096	-1504	18983	0	18983	2776	21759	50.00
14	5456	1409	124	6989	295	5011	0	789	6983	6900	-1359	18625	0	18625	2627	21252	50.04
15	5462	993	133	6588	346	5035	0	699	7328	7362	-1370	18660	0	18660	2636	21296	49.92
16	5505	996	124	6625	297	5026	0	539	7352	7251	-1418	18320	0	18320	2654	20974	49.97
17	5530	1003	124	6657	270	4997	0	308	6777	6705	-1374	17563	0	17563	2640	20203	49.97
18	5500	850	135	6485	218	4957	0	57	6110	6066	-1345	16438	0	16438	2608	19046	49.99
19	5546	676	126	6348	185	4977	0	0	5855	5977	-1354	16133	0	16133	2613	18746	50.02
20	5576	537	137	6250	193	4944	0	0	5766	5784	-1290	15881	0	15881	2557	18438	49.99
21	5700	181	127	6008	248	4816	0	0	5484	5557	-1322	15307	0	15307	2416	17723	49.97
22	5723	179	138	6040	272	4811	0	0	5282	5083	-1309	14897	0	14897	2251	17148	49.99
23	5418	266	127	5811	214	4647	0	0	5197	5142	-1196	14618	0	14618	2113	16731	49.98
24	5026	231	138	5395	197	4655	0	0	5150	5195	-1150	14292	0	14292	1954	16246	50.04
MUs	127.83	18.99	3.00	149.81	4.03	114.21	0.00	5.76	147.41	146.67	-29.39	391.09	0.00	391.09	54.30	445.39	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/Jan/2020

Position as on 6.30 Hrs of 14/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15		Continued.	ID Fan Problem(Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and Continued for Annual Overhaul From 01.12.2019	
AEML	AEML Unit 2	250	06/01/2020	18.44		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
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 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
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-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Uran Unit B0	120	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	28/12/2019	22:48		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Jan/2020

Position as on 6.30 Hrs of 14/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	11/01/2020	16.02		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 7	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 6	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
TPC-G	Trombay 7B	60	12/01/2020	20.14		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	12/01/2020	20.30		Continued.	Gas shortage	
MSPGCL	Paras Unit 3	250	13/01/2020	23.07		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	14/01/2020	01.55		Continued.	To Attend Hot Spot On B-Phase CT.	
MSPGCL	Chandrapur Unit 5	500	14/01/2020	03.35		Continued.	PA Fan problem	

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

Statement-VII

Position as on 6.30 Hrs of 14/Jan/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 II	InterState	12/01/2020	16.50	13/01/2020	07.24	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	13/01/2020	11.31		Continued.	HT	Suspend Work Under RFC 19.40.
Dabhol Nagothane I	InterState	14/01/2020	00.35		Continued.	EO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	11/01/2020	19.41	13/01/2020	07.21	HT	Over Voltage
Bableshtar- Aurangabad (Waluj)	IntraState	13/01/2020	11.14	13/01/2020	20.56	PO	Bus outages @waluj.
Kharghar-Talegaon(PG)	IntraState	14/01/2020	05.45		Continued.	T	Distance Protection
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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	13/01/2020	08.53	13/01/2020	19.38	PO	Attending Oil Leakage
400/220KV 315MVA ICT-II @Akola (M)	IntraState	13/01/2020	09.37	13/01/2020	18.59	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
MAHAPE - RELIANCE GIS	IntraState	08/01/2020	10:44		Continued.	HT	At Mahape End For New Configuration.
Loteparshuram- Dasturi Line	IntraState	13/01/2020	09.00	13/01/2020	19.28	PO	Bus Isolator Maintenance Jumper Replacement Work And Bay Equipment Maintenance Work.
Bus @ Lote	IntraState	13/01/2020	09.00	13/01/2020	19.24	PO	Bus Isolator Maintenance Jumper Replacement Work And Bay Equipment Maintenance Work.
Chikhli-Jalna-I	IntraState	13/01/2020	09.32	13/01/2020	19.11	HT	In View Of ICT 2 Outage At Akola 400KV SS.
New Koyana - Loteparshuram	IntraState	13/01/2020	09.38	13/01/2020	19.24	PO	Bus Isolator Maintenance. Jumper Replacement Work And Bay Equipment Maintenance Work.
Raymond - Washala	IntraState	13/01/2020	09.45	13/01/2020	18.20	PO	Replacement Of old Disc Insulators.
Ghatghar - Jindal	IntraState	13/01/2020	09.47	13/01/2020	19.21	PO	Isolator Aligment Work, Bus Jumpering Work, Gantry Earthing Work.
Dahanu Ghodbunder Line 1	IntraState	13/01/2020	09.50	13/01/2020	20.07	PO	Breaker Overhauling And Testing Work.
Kalmeshwar-Pandhurna	IntraState	13/01/2020	10.16	13/01/2020	18.12	PO	Outage At Pandhurna End.
Apta - Tambati	IntraState	13/01/2020	11.09	13/01/2020	11.29	T	Distance Protection
Tambati - Adlabs	IntraState	13/01/2020	11.09	13/01/2020	16.14	T	Distance Protection
Nagothane - Ipcl	IntraState	13/01/2020	11.15	13/01/2020	15.23	PO	Tree Cuting.
Main Bus-I@Versova	IntraState	13/01/2020	14.20	13/01/2020	17.23	PO	Disconnection Of 220kv AIS.
Nagothane - Spcl	IntraState	13/01/2020	16.10	13/01/2020	17.52	PO	Annual Maintenance Work
Sahara-Urse	IntraState	13/01/2020	18.48	13/01/2020	23.53	HT	Control Loading.
Chinchwad-Hinjewadi I	IntraState	13/01/2020	19.45	13/01/2020	23.56	PO	Control Loading.
Urse - Talegaon (Ambi) Ckt 2	IntraState	13/01/2020	20.02	13/01/2020	23.45	PO	Insulator Replacement Work
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	13/01/2020	08.25		Continued.	PO	Attending Oil Leakage
220/132-110 Kv 100mva Ict 1 @Jath	IntraState	13/01/2020	10.32	13/01/2020	13.35	PO	Testing Work Carried Out By Testing Work.
220/100 Kv 100 Mva Cgl Ict 2	IntraState	13/01/2020	11.09	13/01/2020	11.26	T	Distance Protection

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/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 14/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Tambati							
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	13/01/2020	11.09	13/01/2020	11.25	T	Distance Protection