

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Jan/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.860	1641.685	1) Gujrat	7.179	59.925
2) Hydro	19.566	188.404	2) Madhya Pradesh	12.605	197.643
3) Gas	3.161	72.140	3) Chattisgarh	6.670	102.940
Total MSPGCL	137.587	1902.229	4) Maharashtra	137.851	1563.606
B) 1) APML	76.412	973.779	5) Goa (Amona)	-0.594	-8.118
2) JSWEL	25.149	336.414	Total	163.711	1915.996
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.144	289.721
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.998	310.145
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	31.148	353.978
6) Other IPP	15.945	215.061	Include PX	10.376	44.466
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.144	289.721
C) 1) TPCL Thermal	15.724	201.589	Include PX	11.851	108.621
2) TPCL Hydro	4.373	45.215	Standby	0.000	0.000
3) TPCL Gas	0.000	28.288	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.590	101.069	1) MSEDCL	400.050	5244.721
D) STATE			2) Mumbai Discoms	52.685	686.305
1) Thermal	253.680	3469.597	TOTAL STATE	452.735	5931.026
(A1+C1+C4+(B1-B6))					
2) Hydro	23.939	233.619			
(A2+C2)					
3) Gas	3.161	100.428			
(A3+B7+C3)					
4) Wind	3.331	136.604			
6) SOLAR	4.913	74.783			
TOTAL STATE	289.024	4015.031			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4761	5073	5144	4395
MSPGCL Hydro	1336	685	780	272
MSPGCL Gas	126	134	127	137
MSPGCL Total Generation	6223	5892	6051	4804
Central Sector Receipt	8863	8859	6417	5328
WIND	117	192	104	173
CPP / IPP Thermal	5076	5071	5046	4432
CPP / IPP Gas	0	0	0	0
SOLAR	731	536	0	0
Exchange with Mumbai	-1538	-1343	-1262	-846
MSEDCL DEMAND MET	19472	19207	16356	13891
Load Shedding	0	0	0	0
MSEDCL DEMAND	19472	19207	16356	13891
TPCL GENERATION	1017	986	984	494
AEML GENERATION	250	250	250	191
MUMBAI DEMAND	2805	2579	2496	1531
STATE DEMAND MET	22277	21786	18852	15422
STATE DEMAND	22277	21786	18852	15422
Frequency (Hz)	50.02	50.02	49.93	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 14.02 Hrs	49.77 Hz at 07.28 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 14/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	9.86	161.31	570	300
Unit 9	7.68	157.48	560	0
Unit 10	12.05	112.28	551	440
Total	29.59	431.08		
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	4.52	59.25	191	184
Unit 4	3.74	53.73	165	125
Unit 5	5.08	115.82	350	0
Unit 6	10.93	147.91	475	410
Unit 7	0.00	0.00	0	0
Unit 8	11.16	149.96	475	445
Unit 9	11.26	145.18	475	460
Total	46.69	671.84		
Paras				
Unit 3	0.13	65.01	84	0
Unit 4	5.84	74.22	250	230
Total	5.97	139.23		
Khaparkheda				
Unit 1	4.22	11.60	185	160
Unit 2	4.12	11.90	185	155
Unit 3	4.43	12.82	195	175
Unit 4	4.62	16.14	200	175
Unit 5	10.95	144.16	500	405
Total	28.34	196.63		
Nasik				
Unit 3	4.26	58.05	193	161
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.26	58.05		
Uran				
All Units	3.16	72.14	139	125
Total	3.16	72.14		
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	1.26	46	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	1.26		
Koyna				
Stage 1-2	4.83	48.62	535	40
Stage 4	9.48	79.76	1005	0
Stage 3	2.99	27.51	320	0
Total	17.31	155.89		
Hydro				
KDPH	0.25	4.12	19	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	6.60	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	1.84	80	0
RNGR+BHTSA	0.33	4.69	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.39	4.85	17	16
GHATGHAR	0.65	10.35	125	0
Total	2.26	32.51		
Wind				
Total	3.33	136.60	0	0
Total	3.33	136.60		
CPP				
APML(Mus)	76.41	973.78	0	0
JSWEL(Mus)	25.15	336.41	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)	15.94	215.06	0	0
Total	117.51	1525.25		
SOLAR				
Total	4.91	74.78	0	0
Total	4.91	74.78		
Tata				
Trombay 5	10.32	129.60	480	310
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	5.40	71.99	244	183
TATA Hydro	4.37	45.22	294	16
Total	20.10	275.09		
AEML				
DTPS U-1&2	5.59	101.07	251	190
Total	5.59	101.07		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.86	1641.68	MSPGCL Total	137.59	1902.23
			MSPGCL Thml+Gas	118.02	1713.82	Koyna 1,2 & 4 Total	14.31	128.39
			MSPGCL Hydro	19.57	188.40	State Total	289.02	4015.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5055	89	127	5271	131	4697	0	0	5452	5216	-1101	14214	0	14214	1787	16001	50.02
2	4839	89	138	5066	166	4550	0	0	5528	5150	-972	13960	0	13960	1659	15619	49.99
3	4527	94	128	4749	201	4439	0	0	5469	5584	-889	14084	0	14084	1577	15661	50.00
4	4395	272	137	4804	173	4432	0	0	5425	5328	-846	13891	0	13891	1531	15422	49.97
5	4175	641	128	4944	128	4716	0	0	5622	5385	-731	14442	0	14442	1551	15993	50.00
6	4197	968	128	5293	114	4850	0	0	6034	6386	-716	15927	0	15927	1688	17615	49.95
7	4186	1702	138	6026	67	4871	0	17	6959	7033	-823	17191	0	17191	1893	19084	49.99
8	4195	2020	127	6342	96	4925	0	96	7035	7528	-871	18116	0	18116	2074	20190	49.93
9	4304	2109	138	6551	91	5021	0	318	7179	7824	-1077	18728	0	18728	2339	21067	49.96
10	4506	2049	128	6683	62	4934	0	523	7981	8078	-1333	18947	0	18947	2597	21544	50.01
11	4743	1512	137	6392	99	5057	0	662	8669	8641	-1483	19368	0	19368	2751	22119	50.02
12	4761	1336	126	6223	117	5076	0	731	9043	8863	-1538	19472	0	19472	2805	22277	50.02
13	4863	1223	135	6221	128	5088	0	774	8437	8309	-1454	19066	0	19066	2719	21785	50.00
14	5056	1028	125	6209	174	5089	0	642	8154	8299	-1328	19085	0	19085	2568	21653	50.03
15	5073	685	134	5892	192	5071	0	536	8577	8859	-1343	19207	0	19207	2579	21786	50.02
16	5087	458	125	5670	185	5070	0	378	8789	8652	-1339	18616	0	18616	2573	21189	50.01
17	5066	650	125	5841	186	5081	0	191	7822	8103	-1314	18088	0	18088	2549	20637	49.94
18	5041	685	136	5862	166	5069	0	45	6776	6568	-1252	16458	0	16458	2487	18945	49.95
19	5144	780	127	6051	104	5046	0	0	6333	6417	-1262	16356	0	16356	2496	18852	49.93
20	5183	547	138	5868	102	5029	0	0	6218	6182	-1206	15975	0	15975	2436	18411	50.02
21	5124	285	128	5537	89	5028	0	0	5612	5615	-1088	15181	0	15181	2298	17479	49.99
22	5103	165	139	5407	141	4978	0	0	5811	5398	-997	14927	0	14927	2068	16995	50.02
23	5146	99	139	5384	205	4772	0	0	5649	5262	-1060	14563	0	14563	1910	16473	49.99
24	5091	80	130	5301	214	4617	0	0	5494	5031	-975	14188	0	14188	1750	15938	50.03
MUs	114.86	19.57	3.16	137.59	3.33	117.51	0.00	4.91	164.07	163.71	-27.00	400.05	0.00	400.05	52.68	452.74	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 14/Jan/2020

Position as on 6.30 Hrs of 15/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 14/Jan/2020

Position as on 6.30 Hrs of 15/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	14/01/2020	22.45	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	14/01/2020	01.55	14/01/2020	08.21	To Attend Hot Spot On B-Phase CT.	
MSPGCL	Chandrapur Unit 5	500	14/01/2020	03.35	14/01/2020	11.54	PA Fan problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 15/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	13/01/2020	11.31	14/01/2020	08.36	HT	Work at SSNL end (RFC 19.40)
Dabhol Nagothane I	InterState	14/01/2020	00.35		Continued.	EO	Attending Hot Spot(RFC 16.53Hrs)
Dhule Sar'Sarovar I	InterState	14/01/2020	17.54	15/01/2020	05.57	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	14/01/2020	05.45	14/01/2020	14.57	T	Distance Protection
Koradi-RattanIndia	IntraState	14/01/2020	15.14	14/01/2020	18.15	EO	R Phase String Flashover
Khadka-Aurangabad (Waluj)	IntraState	14/01/2020	19.07		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 Kv 500 MVA ICT-I @Kalwa	IntraState	14/01/2020	05.23	14/01/2020	09.49	PO	Painting work
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	14/01/2020	08.27	14/01/2020	19.04	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)
EKLAHARE (OCR) Nasik - Navsari I	InterState	14/01/2020	09.57	14/01/2020	18.58	PO	String replacement work
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.
Kandalgaon - Koyna (Pophali)	IntraState	14/01/2020	07.48	14/01/2020	13.40	T	Distance Protection
WARDHA - WARDHA (PG) (Deoli)	IntraState	14/01/2020	07.48	14/01/2020	10.15	HT	H/T By WRLDC to control Overdrawal
Ongc Uran - Jnpt	IntraState	14/01/2020	10.46	14/01/2020	18.10	PO	Providing T-Clamp to Jumper
Malharpeth - Karad(400kv)	IntraState	14/01/2020	11.07	14/01/2020	16.09	PO	Testing Work
Flagship-Nandedcity	IntraState	14/01/2020	12.15	14/01/2020	13.09	PO	CB Overhauling work
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	14/01/2020	13.43	14/01/2020	16.45	PO	Tan Delta Measurement
Kandalgaon - ONGC Panvel	IntraState	14/01/2020	15.10	14/01/2020	19.48	PO	R Phase CT cold welding
Ambazari-Kalmeshwar	IntraState	14/01/2020	17.17	14/01/2020	18.45	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	13/01/2020	08.25	14/01/2020	18.44	PO	Attending Oil Leakage
220/33 Kv 100 Mva Alstom Ptr 2 @Jamde	IntraState	14/01/2020	09.50	14/01/2020	14.42	PO	Routine Maintenance Work
220/132 kv 200MVA ICT II @ Girwali	IntraState	14/01/2020	10.34	14/01/2020	13.15	EO	Attending Oil Leakage
220/33 Kv 100 Mva Cgl Ptr 4 @Jamde	IntraState	14/01/2020	14.44	14/01/2020	20.06	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bbl Ict 1 @Kalmeshwar	IntraState	14/01/2020	17.17	14/01/2020	18.07	T	Backup Protection

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