

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.116	1799.860	1) Gujrat	-2.175	45.673
2) Hydro	4.071	99.342	2) Madhya Pradesh	3.020	75.094
3) Gas	6.687	80.577	3) Chattisgarh	3.620	77.450
Total MSPGCL	129.874	1979.779	4) Maharashtra	106.501	1725.100
B) 1) APMIL	61.008	869.455	5) Goa (Amona)	-1.182	-20.407
2) JSWEL	22.314	329.606	Total	109.784	1902.910
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.786	297.585
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	16.302	332.578
5) WPCL	6.862	76.592	c) MSEDCL Bilateral *	26.584	471.753
6) Other IPP	7.665	125.140	Include PX	-3.315	69.211
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.786	297.585
C) 1) TPCL Thermal	14.193	130.688	Include PX	6.973	110.827
2) TPCL Hydro	11.016	66.151	Standby	0.000	0.000
3) TPCL Gas	4.388	59.210	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.326	147.948	1) MSEDCL	353.532	5174.748
D) STATE			2) Mumbai Discoms	56.225	736.571
1) Thermal	241.484	3479.289	TOTAL STATE	409.757	5911.319
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	15.087	165.493			
3) Gas (A3+B7+C3)	11.075	139.787			
4) Wind	29.959	149.511			
6) SOLAR	2.368	74.333			
TOTAL STATE	299.973	4008.413			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4821	5390	5260	4919
MSPGCL Hydro	179	219	209	153
MSPGCL Gas	279	279	292	281
MSPGCL Total Generation	5279	5888	5761	5353
Central Sector Receipt	5810	4621	4653	3119
WIND	1361	1758	1835	1147
CPP / IPP Thermal	4173	4221	4303	3953
CPP / IPP Gas	0	0	0	0
SOLAR	293	15	0	0
Exchange with Mumbai	-1064	-901	-963	-951
MSEDCL DEMAND MET	15852	15602	15589	12621
Load Shedding	0	0	0	0
MSEDCL DEMAND	15852	15602	15589	12621
TPCL GENERATION	1210	1247	1238	1122
AEML GENERATION	429	430	430	430
MUMBAI DEMAND	2703	2578	2631	2503
STATE DEMAND MET	18555	18180	18220	15124
STATE DEMAND	18555	18180	18220	15124
Frequency (Hz)	50.06	49.98	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 10.04 Hrs	49.84 Hz at 05.15 Hrs	50.01	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/Oct/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	5.94	109.66	460	0
Unit 9	0.00	100.48	0	0
Unit 10	8.03	114.62	340	315
Total	13.97	324.76		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.76	139.55	460	355
Unit 5	8.66	139.96	410	350
Total	17.42	279.51		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.68	41.27	205	188
Unit 7	4.00	40.66	198	0
Unit 8	4.77	45.26	210	195
Total	13.46	127.19		
Chandrapur				
Unit 3	0.00	2.16	0	0
Unit 4	3.76	38.37	160	154
Unit 5	9.05	136.97	420	355
Unit 6	9.15	117.56	420	350
Unit 7	0.00	0.00	0	0
Unit 8	9.26	143.40	450	360
Unit 9	9.40	142.15	450	357
Total	40.62	580.60		
Paras				
Unit 3	4.82	61.89	245	186
Unit 4	4.94	71.58	250	190
Total	9.75	133.47		
Khaparkheda				
Unit 1	3.56	47.38	160	120
Unit 2	3.96	55.60	180	160
Unit 3	2.96	53.46	180	0
Unit 4	3.96	56.42	180	160
Unit 5	9.46	141.48	480	355
Total	23.90	354.33		
Nasik				
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		
Uran				
All Units	6.69	80.58	292	267
Total	6.69	80.58		
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)	1.25	11.99	52	52

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.25	11.99		
Koyna				
Stage 1-2	1.22	39.48	110	40
Stage 4	0.00	20.50	0	0
Stage 3	0.27	14.16	80	0
Total	1.50	74.14		
Hydro				
KDPH	0.89	2.44	37	37
VTRNA	0.00	0.49	0	0
TILLARI	0.00	3.99	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	4.61	40	0
RNGR+BHTSA	0.37	1.21	16	15
BHANDARDRA	0.04	0.04	14	0
ELDARY	0.53	7.42	22	21
SMLHY_PTN	0.35	1.16	15	14
GHATGHAR	0.00	3.83	0	0
Total	2.57	25.20		
Wind				
Total	29.96	149.51	0	0
Total	29.96	149.51		
CPP				
APML(Mus)	61.01	869.46	0	0
JSWEL(Mus)	22.31	329.61	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.86	76.59	0	0
Other(Mus)	7.66	125.14	0	0
Total	97.85	1400.79		
SOLAR				
Total	2.37	74.33	0	0
Total	2.37	74.33		
Tata				
Trombay 5	9.44	121.82	446	268
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	38.78	118	116
Trombay 7B	1.58	20.43	67	65
Trombay 8	4.76	8.87	211	178
TATA Hydro	11.02	66.15	459	459
Total	29.60	256.05		
AEML				
DTPS U-1&2	10.33	147.95	432	429
Total	10.33	147.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.12	1799.86	MSPGCL Total	129.87	1979.78
			MSPGCL Thml+Gas	125.80	1880.44	Koyna 1,2 & 4 Total	1.22	59.98
			MSPGCL Hydro	4.07	99.34	State Total	299.97	4008.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Oct/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	4630	133	291	5054	541	4108	0	0	5037	4594	-423	13874	0	13874	2142	16016	50.00
2	4433	134	270	4837	579	4093	0	0	4748	4455	-276	13688	0	13688	1984	15672	50.00
3	4437	144	291	4872	824	4074	0	0	4481	4143	-164	13749	0	13749	1858	15607	50.04
4	4581	129	280	4990	1013	3831	0	0	4431	3918	-104	13648	0	13648	1780	15428	50.02
5	4622	139	271	5032	1047	3701	0	0	4362	4179	-89	13870	0	13870	1750	15620	49.99
6	4959	174	290	5423	997	3887	0	0	4500	4569	-140	14736	0	14736	1766	16502	49.94
7	5387	139	281	5807	1128	4412	0	2	4876	4454	-201	15602	0	15602	1794	17396	50.00
8	5377	138	280	5795	1071	4425	0	46	5339	5062	-279	16120	0	16120	1929	18049	50.02
9	5366	218	280	5864	1162	4282	0	134	5478	5428	-505	16365	0	16365	2182	18547	49.99
10	4959	168	280	5407	1255	4181	0	220	5911	5681	-769	15975	0	15975	2451	18426	50.03
11	4821	179	279	5279	1361	4173	0	293	6039	5810	-1064	15852	0	15852	2703	18555	50.06
12	4848	174	269	5291	1394	4084	0	360	5934	5637	-1117	15649	0	15649	2816	18465	50.05
13	4914	179	267	5360	1338	3862	0	338	5494	5231	-1053	15076	0	15076	2754	17830	50.00
14	4989	174	277	5440	1398	3905	0	303	4945	4906	-967	14985	0	14985	2666	17651	49.99
15	5197	169	267	5633	1619	4093	0	284	5063	4345	-1009	14965	0	14965	2686	17651	50.00
16	5086	179	268	5533	1643	3892	0	263	4942	4602	-1010	14923	0	14923	2674	17597	49.99
17	5063	174	267	5504	1567	3872	0	110	4444	4539	-980	14612	0	14612	2625	17237	49.98
18	5390	219	279	5888	1758	4221	0	15	4328	4621	-901	15602	0	15602	2578	18180	49.98
19	5260	209	292	5761	1835	4303	0	0	4855	4653	-963	15589	0	15589	2631	18220	49.98
20	5179	259	272	5710	1671	4312	0	0	4605	4368	-898	15163	0	15163	2570	17733	50.02
21	4918	186	292	5396	1357	4134	0	0	4665	4221	-787	14321	0	14321	2456	16777	50.02
22	4880	153	272	5305	1219	4044	0	0	4109	3858	-811	13615	0	13615	2453	16068	50.03
23	4901	148	291	5340	1035	4007	0	0	3792	3391	-841	12932	0	12932	2474	15406	50.00
24	4919	153	281	5353	1147	3953	0	0	3840	3119	-951	12621	0	12621	2503	15124	50.01
MUs	119.1 2	4.07	6.69	129.87	29.96	97.85	0.00	2.37	116.22	109.78	-16.30	353.53	0.00	353.53	56.22	409.76	50.01

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/Oct/2020

Position as on 6.30 Hrs of 15/Oct/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 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	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	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	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45	15/10/2020	10.20	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Ghatghar Unit-1	125	30/09/2020	18.05		Continued.	Turbine Guide Bearing problem	
MSPGCL	Chandrapur Unit 3	210	01/10/2020	16.00		Continued.	Main turbine bearing problem.	
MSPGCL	Koradi Unit-8	660	10/10/2020	19.34	14/10/2020	05.21	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	11/10/2020	18.16		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	13/10/2020	23.15	14/10/2020	02.42	Tripped Instrument Air Pressure Low.	
MSPGCL	Koyna STG-IV Unit-2	250	14/10/2020	09.50		Continued.	Thrust Bearing Oil Cooler cleaning	
MSPGCL	Khaparkheda Unit 3	210	14/10/2020	18.15		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 15/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	13/10/2020	21.54	14/10/2020	03.10	T	Due To High Angel Supervision Order Tripped.
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
Chandrapur Bhadravati III	InterState	12/10/2020	03.15		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	13/10/2020	11.23	14/10/2020	10.31	PO	Replacement Of Damaged Earthwire.(RFC 18.25 DT 13/10/2020)
Dhule Sar'Sarovar I	InterState	14/10/2020	19.12	15/10/2020	16.26	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	15/10/2020	21.16		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Kalwa - Talegaon(PG)	IntraState	10/10/2020	13.47	15/10/2020	18.51	T	Distance Protection
Akola II - RPL(Rattanindia) Ckt I	IntraState	11/10/2020	21.08		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	13/10/2020	20.17	14/10/2020	07.23	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/10/2020	21.13	14/10/2020	07.16	HT	Over Voltage
Deepnagar Taptitanda	IntraState	14/10/2020	11.52	14/10/2020	18.07	PO	Testing Of Teed Differential Relay And Line Routine Maintenance Work.
Deepnagar Taptitanda	IntraState	14/10/2020	18.21	15/10/2020	08.22	T	Conductor Snapped At LOC 49.
Dhule - Bableshtar - II	IntraState	14/10/2020	19.36		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	15/10/2020	02.15	15/10/2020	09.12	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/10/2020	03.18	15/10/2020	10.34	HT	Over Voltage
Padghe - Kalwa-II	IntraState	15/10/2020	07.34	15/10/2020	08.18	T	PDR Operated
Khadka-Aurangabad (Waluj)	IntraState	15/10/2020	19.52		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/10/2020	23.33		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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220 KV 300 MVA ICT- I @Koradi	IntraState	14/10/2020	11.30	14/10/2020	14.06	PO	PG Isolator Alignment, Testing And Setting Work. Replacement Of B-Phase 29 B Scissor Assembly.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	15/10/2020	01.19	15/10/2020	07.00	HT	To Control Over Voltage.
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)
Solapur(PG)- Jeur	InterState	14/10/2020	14.50	15/10/2020	13.30	T	Distance Protection
Tillari Amona	InterState	15/10/2020	02.11	15/10/2020	07.52	T	Over Voltage
Mahalakshmi Amona	InterState	15/10/2020	02.11	15/10/2020	07.52	T	Over Voltage
PARLY (PG) - OLD GCR PARLI	InterState	15/10/2020	15.07	15/10/2020	17.58	PO	To attend Red Hot at PGCIL end
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Speacial Repair Cable work
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.

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 14/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 15/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS Work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Kharghar-Borivali ckt I	IntraState	12/10/2020	09.30		Continued.	HT	Over Voltage
Kalwa - Mulund 2	IntraState	13/10/2020	10.35	15/10/2020	19.21	HT	To control Line loading.
Mahad - Pedambe	IntraState	13/10/2020	17.14	14/10/2020	07.35	T	Distance Protection
Nagothane - Posco	IntraState	14/10/2020	03.42	14/10/2020	12.12	T	Distance Protection
Nagothane - ACCIL	IntraState	14/10/2020	03.42	14/10/2020	10.55	T	Distance Protection
Talandage - Sawantwadi I	IntraState	14/10/2020	09.25	14/10/2020	17.32	PO	Cold Washing Of Insulator Strings.
Butibori-Sunvijay	IntraState	14/10/2020	12.14	14/10/2020	17.00	PO	AMR Meter Connection.
Warora - Wardha	IntraState	14/10/2020	13.31	14/10/2020	16.04	PO	Attending Hot Spot
Bombay Dyeing - Sahara	IntraState	14/10/2020	15.25	14/10/2020	19.15	PO	Replacement Of Polymer Insulator By Long Rod Porcelain Loc No/-108.112.113.114.115.
Kandalgaon - Koyna (Pophali)	IntraState	14/10/2020	15.30	15/10/2020	15.30	PO	Replacement of String Insulator
512 Khadki- Century Enka	IntraState	15/10/2020	00.11	15/10/2020	08.23	T	Distance Protection
chandrapur-Tadali	IntraState	15/10/2020	05.55	15/10/2020	06.45	T	Bus Bar Protection Operated at Tadali
Flagship-Chinchwad	IntraState	15/10/2020	09.04	15/10/2020	19.50	PO	Tower Erection work
Chinchwad- Parvati	IntraState	15/10/2020	09.04	15/10/2020	19.16	PO	Tower Erection work
Padghe - Wada	IntraState	15/10/2020	12.37	15/10/2020	16.28	T	Distance Protection
Deepnagar Bambhori	IntraState	15/10/2020	13.02	15/10/2020	14.09	EO	To attend Hot Spot
Nanded-Nanded(Waghale) II	IntraState	15/10/2020	13.19	15/10/2020	13.58	PO	Backup relay rectification work
Uran - Kharghar I	IntraState	15/10/2020	17.48	15/10/2020	20.30	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT III @Ambazari	IntraState	14/10/2020	09.10	14/10/2020	14.15	PO	Testing Work

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