

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Nov/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.973	831.222	1) Gujrat	2.929	28.727
2) Hydro	6.652	71.223	2) Madhya Pradesh	9.821	56.450
3) Gas	6.811	80.866	3) Chattisgarh	7.190	65.100
Total MSPGCL	119.436	983.311	4) Maharashtra	109.645	997.702
B) 1) APMIL	72.413	651.095	5) Goa (Amona)	-0.198	-4.202
2) JSWEL	18.636	182.139	Total	129.387	1143.777
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.411	234.323
4) RPL(AMT)	5.943	39.220	b) Mumbai Drawl	26.712	262.465
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	25.628	206.531
6) Other IPP	8.135	74.848	Include PX	0.032	-7.269
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.411	234.323
C) 1) TPCL Thermal	13.068	119.252	Include PX	10.477	77.358
2) TPCL Hydro	3.738	37.296	Standby	0.000	0.000
3) TPCL Gas	3.843	37.338	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.807	86.928	1) MSEDCL	334.730	2917.567
D) STATE			2) Mumbai Discoms	57.168	543.274
1) Thermal	233.975	1984.704	TOTAL STATE	391.898	3460.841
(A1+C1+C4+(B1-B6))					
2) Hydro	10.390	108.519			
(A2+C2)					
3) Gas	10.654	118.204			
(A3+B7+C3)					
4) Wind	1.782	58.686			
6) SOLAR	5.710	46.956			
TOTAL STATE	262.511	2317.069			

* 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 4 Hrs
MSPGCL Thermal	4221	4247	4646	4117
MSPGCL Hydro	163	76	1319	92
MSPGCL Gas	268	278	282	287
MSPGCL Total Generation	4652	4601	6247	4496
Central Sector Receipt	6191	6061	5741	4709
WIND	151	121	69	41
CPP / IPP Thermal	4331	4108	4733	3975
CPP / IPP Gas	0	0	0	0
SOLAR	774	773	3	0
Exchange with Mumbai	-1505	-1507	-1131	-841
MSEDCL DEMAND MET	14594	14156	15662	12380
Load Shedding	0	0	0	0
MSEDCL DEMAND	14594	14156	15662	12380
TPCL GENERATION	952	901	1106	623
AEML GENERATION	375	375	496	375
MUMBAI DEMAND	2832	2783	2733	1839
STATE DEMAND MET	17426	16940	18395	14219
STATE DEMAND	17426	16940	18395	14219
Frequency (Hz)	50.00	49.98	50.05	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.85 Hz at 20.49 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 09/Nov/2019

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	10.81	96.51	504	420
Unit 9	11.59	101.86	550	450
Unit 10	9.51	79.10	535	198
Total	31.91	277.47		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.24	82.90	465	360
Unit 5	9.24	84.36	435	345
Total	18.48	167.26		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.14	21.60	190	163
Unit 4	0.00	0.00	0	0
Unit 5	8.70	48.84	380	345
Unit 6	9.24	54.61	445	354
Unit 7	0.00	0.00	0	0
Unit 8	9.86	87.94	490	360
Unit 9	9.56	78.03	480	360
Total	41.51	291.01		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.09	63.51	495	370
Total	10.09	63.51		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.99	27.06	193	159
Unit 5	0.00	4.91	0	0
Total	3.99	31.97		
Uran				
All Units	6.81	80.87	298	268
Total	6.81	80.87		
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)	0.30	4.07	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.30	4.07		
Koyna				
Stage 1-2	2.18	23.94	425	35
Stage 4	1.69	21.06	613	0
Stage 3	0.99	10.27	160	0
Total	4.87	55.28		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.54	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	2.81	80	0
RNGR+BHTSA	0.00	2.63	0	0
BHANDARDRA	0.18	0.19	15	0
ELDARY	0.53	2.59	23	21
SMLHY_PTN	0.30	3.27	14	12
GHATGHAR	0.45	2.91	125	0
Total	1.78	15.94		
Wind				
Total	1.78	58.69	0	0
Total	1.78	58.69		
CPP				
APML(Mus)	72.41	651.10	0	0
JSWEL(Mus)	18.64	182.14	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.94	39.22	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.14	74.85	0	0
Total	105.13	947.30		
SOLAR				
Total	5.71	46.96	0	0
Total	5.71	46.96		
Tata				
Trombay 5	8.30	76.47	479	282
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	23.62	116	86
Trombay 7B	1.46	13.72	66	56
Trombay 8	4.76	42.78	201	196
TATA Hydro	3.74	37.30	333	0
Total	20.65	193.89		
AEML				
DTPS U-1&2	9.81	86.93	496	373
Total	9.81	86.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.97	831.22	MSPGCL Total	119.44	983.31
			MSPGCL Thml+Gas	112.78	912.09	Koyna 1,2 & 4 Total	3.88	45.00
			MSPGCL Hydro	6.65	71.22	State Total	262.51	2317.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Nov/2019

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	3970	150	285	4405	119	4260	0	0	4918	5048	-1136	12696	0	12696	2186	14882	50.00
2	3990	90	297	4377	81	4173	0	0	4873	4858	-989	12500	0	12500	2022	14522	50.02
3	4030	145	288	4463	64	4116	0	0	4647	4678	-890	12431	0	12431	1907	14338	50.02
4	4117	92	287	4496	41	3975	0	0	4592	4709	-841	12380	0	12380	1839	14219	50.01
5	4238	90	288	4616	37	4136	0	0	4766	4854	-812	12831	0	12831	1812	14643	50.02
6	4825	85	298	5208	28	4566	0	0	4923	4931	-872	13861	0	13861	1872	15733	50.02
7	4908	401	288	5597	44	4695	0	12	4918	5291	-789	14850	0	14850	1950	16800	50.03
8	4919	497	287	5703	52	4708	0	161	5049	5206	-726	15104	0	15104	2059	17163	50.02
9	4849	163	296	5308	92	4634	0	389	5413	5470	-985	14908	0	14908	2273	17181	50.01
10	4274	236	283	4793	117	4515	0	660	5661	5731	-1224	14592	0	14592	2523	17115	50.02
11	4220	173	279	4672	139	4359	0	752	6027	5901	-1379	14444	0	14444	2738	17182	49.97
12	4221	163	268	4652	151	4331	0	774	6194	6191	-1505	14594	0	14594	2832	17426	50.00
13	4247	76	278	4601	121	4108	0	773	6099	6061	-1507	14156	0	14156	2783	16940	49.98
14	4233	283	276	4792	144	3915	0	714	5633	5774	-1381	13958	0	13958	2651	16609	50.01
15	4223	134	279	4636	78	4100	0	664	5990	6074	-1358	14194	0	14194	2668	16862	49.98
16	4597	89	278	4964	80	4443	0	511	5791	5356	-1315	14039	0	14039	2649	16688	49.99
17	4772	70	278	5120	60	4430	0	250	5501	5498	-1229	14129	0	14129	2615	16744	49.99
18	4744	160	279	5183	50	4575	0	47	5380	5529	-1072	14312	0	14312	2608	16920	50.04
19	4646	1319	282	6247	69	4733	0	3	5305	5741	-1131	15662	0	15662	2733	18395	50.05
20	4602	1115	281	5998	47	4610	0	0	5457	5350	-1092	14913	0	14913	2703	17616	50.04
21	4620	498	283	5401	59	4605	0	0	5294	5473	-1023	14515	0	14515	2614	17129	50.02
22	4455	250	285	4990	37	4566	0	0	5240	4957	-1024	13526	0	13526	2488	16014	50.00
23	4151	195	283	4629	46	4496	0	0	5259	5291	-1187	13275	0	13275	2363	15638	49.96
24	4122	178	285	4585	26	4079	0	0	5253	5415	-1245	12860	0	12860	2280	15140	50.00
MUs	105.97	6.65	6.81	119.44	1.78	105.13	0.00	5.71	128.18	129.39	-26.71	334.73	0.00	334.73	57.17	391.90	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 09/Nov/2019

Position as on 6.30 Hrs of 10/Nov/2019

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	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
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	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul Converted Zero Schedule From 28.10.2019 18.00	
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	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Khaparkhedha Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkhedha Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Khaparkhedha Unit 3	210	13/10/2019	19.57		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	16/10/2019	01.36		Continued.	Flame Failure (Converted To Zero Schedule DT.23.10.2019 18.00.hrs)	
MSPGCL	Khaparkhedha Unit 4	210	22/10/2019	23.52		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 6	250	23/10/2019	03.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 7	250	23/10/2019	17.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Nov/2019

Position as on 6.30 Hrs of 10/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Chandrapur Unit 4	210	31/10/2019	08.16		Continued.	Excessive Consumption of Hydrogen Cylinder.	
MSPGCL	Nasik Unit 5	210	02/11/2019	10.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 19.05Hrs DT.03-11-2019)	
MSPGCL	Uran Unit 7	108	05/11/2019	00.17		Continued.	Internal Inspection	
MSPGCL	Uran Unit B0	120	06/11/2019	03.05		Continued.	Bearing vibration high	
MSPGCL	Uran Unit 8	108	06/11/2019	19.23		Continued.	Turbine Vibration	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	JSW (J) U3	300	10/11/2019	18.16		Continued.	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 10/Nov/2019

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	07/11/2019	19.22		Continued.	HT	Over Voltage
Akola Wardha I	InterState	08/11/2019	14.26	09/11/2019	15.30	T	Distance Protection
Alkud-Solapur(PG)	InterState	09/11/2019	15.29	09/11/2019	18.36	T	Distance Protection
Akola II - RPL(Rattania) Ckt I	IntraState	27/10/2019	14.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	06/11/2019	21.58		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/11/2019	19.58		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/11/2019	08.50	09/11/2019	13.11	PO	CVT Replacement Work.
Bus Coupler @ Padgha	IntraState	09/11/2019	12.35	09/11/2019	17.26	PO	Attending Hot Spot
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 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220/33kv 315mva Ict3 @Lonikand	IntraState	09/11/2019	10.13	09/11/2019	11.48	PO	Buchloz Relay Alaram Setting Work.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	09/11/2019	11.25	09/11/2019	16.52	PO	Attending Hot Spot
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	09/11/2019	11.29	09/11/2019	12.49	PO	Dc Leakage.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	09/11/2019	11.52	09/11/2019	16.25	PO	Buchloz Relay Alaram Setting Work.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	10/11/2019	09.11	10/11/2019	17.38	PO	Testing 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)
Tillari Amona	InterState	06/11/2019	15.12	10/11/2019	15.40	T	Distance Protection, R-N, 15.5KM, 2.79KA.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Ranjangaon-Lonikand	IntraState	31/10/2019	15.29		Continued.	PO	Tower jumps opened.
220kv Halkarni- Tillary	IntraState	06/11/2019	18.06	10/11/2019	16.10	T	B PH PT Burst.
Trombay - Kalwa	IntraState	08/11/2019	21.01		Continued.	PO	Pilling Work At LOC.NO.19
Nerle - Dasgaon	IntraState	09/11/2019	1.15	09/11/2019	02.52	T	Tripped At Dasgaon End Only.
Miraj-Ichalkaranji I	IntraState	09/11/2019	10.14	09/11/2019	16.23	PO	Routine Maintenance Work
Pophali - New Koyana	IntraState	09/11/2019	10.15	09/11/2019	15.10	PO	Routine Maintenance Work
MAHAPE - RELIANCE GIS	IntraState	09/11/2019	10.24	09/11/2019	17.55	PO	Safety Purpose.
Kharghar-Borivali ckt II	IntraState	09/11/2019	10.35	09/11/2019	17.30	PO	Cnstruction Work.
Chinchwad-Hinjewadi I	IntraState	09/11/2019	10.42	09/11/2019	18.38	PO	Load Management.
Sahara-Urse	IntraState	09/11/2019	10.45	09/11/2019	18.45	PO	Load Managment.
Urse - Talegaon (Ambi) Ckt 1	IntraState	09/11/2019	10.58	09/11/2019	18.20	PO	Line Maintenance work
Bableshtar - Alephata ckt I	IntraState	09/11/2019	11.43	09/11/2019	11.54	T	Distance Protection
Ghatghar - Bapgaon	IntraState	09/11/2019	13.10	09/11/2019	18.15	PO	Maintenance Of Bay Equipment.
Jejuri- Ismt- Lonand	IntraState	09/11/2019	21.53	09/11/2019	22.45	T	Distance Protection
Trombay - Mulund	IntraState	09/11/2019	22.59	10/11/2019	18.28	T	Distance Protection
MAHAPE - RELIANCE GIS	IntraState	10/11/2019	09.30	10/11/2019	14.02	PO	Safety permit for dismantling of Idle 220KV Tower
Balapur-Akola I	IntraState	10/11/2019	10.40	10/11/2019	17.44	PO	Replacement of LA

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 09/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 10/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Adlabs - Pedambe	IntraState	10/11/2019	15.01	10/11/2019	16.00	T	Distance Protection
Tambati - Adlabs	IntraState	10/11/2019	15.01	10/11/2019	16.00	T	Distance Protection
Phursungi-Serum	IntraState	10/11/2019	16.51	10/11/2019	18.08	PO	Insulator Replacement Work
Badnera-Akola I	IntraState	10/11/2019	19.13	10/11/2019	19.23	EO	To attend Hot Spot