

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Oct/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.821	1203.513	1) Gujrat	3.536	43.535
2) Hydro	11.558	74.404	2) Madhya Pradesh	11.395	52.330
3) Gas	6.428	52.029	3) Chattisgarh	5.970	50.330
Total MSPGCL	156.807	1329.946	4) Maharashtra	123.504	1099.400
B) 1) APML	67.780	570.800	5) Goa (Amona)	-1.777	-14.240
2) JSWEL	24.543	213.287	Total	142.628	1231.355
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.635	192.134
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.773	226.722
5) WPCL	8.643	39.363	c) MSEDCL Bilateral *	36.321	296.686
6) Other IPP	9.629	83.009	Include PX	4.754	46.700
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.635	192.134
C) 1) TPCL Thermal	9.731	79.076	Include PX	10.198	69.434
2) TPCL Hydro	4.815	35.070	Standby	0.000	0.000
3) TPCL Gas	4.388	39.381	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.251	92.309	1) MSEDCL	392.627	3384.795
D) STATE			2) Mumbai Discoms	55.959	472.558
1) Thermal	270.398	2281.357	TOTAL STATE	448.586	3857.353
(A1+C1+C4+(B1-B6))					
2) Hydro	16.373	109.474			
(A2+C2)					
3) Gas	10.816	91.410			
(A3+B7+C3)					
4) Wind	2.911	88.639			
6) SOLAR	5.459	55.118			
TOTAL STATE	305.957	2625.998			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5975	5997	5416	5862
MSPGCL Hydro	351	590	1525	66
MSPGCL Gas	255	254	257	267
MSPGCL Total Generation	6581	6841	7198	6195
Central Sector Receipt	6936	6860	5443	5326
WIND	38	27	214	150
CPP / IPP Thermal	5035	4470	4455	4362
CPP / IPP Gas	0	0	0	0
SOLAR	723	768	0	0
Exchange with Mumbai	-1472	-1483	-912	-1175
MSEDCL DEMAND MET	17841	17483	16398	14858
Load Shedding	0	0	0	0
MSEDCL DEMAND	17841	17483	16398	14858
TPCL GENERATION	692	757	1102	481
AEML GENERATION	500	499	501	372
MUMBAI DEMAND	2664	2739	2515	2028
STATE DEMAND MET	20505	20222	18913	16886
STATE DEMAND	20505	20222	18913	16886
Frequency (Hz)	49.95	49.98	50.02	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.03 Hrs	49.84 Hz at 10.52 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 09/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	9.91	94.90	510	287
Unit 9	9.04	83.48	420	310
Unit 10	7.46	73.97	330	250
Total	26.40	252.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.17	93.76	495	360
Unit 5	11.38	94.15	500	360
Total	22.56	187.90		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.57	16.63	250	187
Unit 7	5.62	16.94	249	187
Unit 8	5.73	19.88	250	200
Total	16.92	53.44		
Chandrapur				
Unit 3	0.00	2.16	0	0
Unit 4	3.60	20.41	152	149
Unit 5	9.93	89.73	420	400
Unit 6	9.85	89.04	425	375
Unit 7	0.00	0.00	0	0
Unit 8	8.27	93.69	455	0
Unit 9	10.31	95.91	445	417
Total	41.96	390.94		
Paras				
Unit 3	0.54	41.46	200	0
Unit 4	5.16	45.26	240	195
Total	5.71	86.72		
Khaparkheda				
Unit 1	3.08	30.42	150	100
Unit 2	4.04	36.52	180	140
Unit 3	3.68	35.46	180	140
Unit 4	4.22	35.91	180	170
Unit 5	10.25	93.85	459	385
Total	25.27	232.16		
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	6.43	52.03	289	244
Total	6.43	52.03		
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)	0.21	6.59	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.21	6.59		
Koyna				
Stage 1-2	3.97	29.64	430	40
Stage 4	4.27	18.13	740	0
Stage 3	1.94	11.09	320	0
Total	10.18	58.86		
Hydro				
KDPH	0.00	0.77	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.09	3.99	40	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	2.84	40	0
RNGR+BHTSA	0.00	0.14	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.52	4.78	22	21
SMLHY_PTN	0.00	0.34	0	0
GHATGHAR	0.39	2.19	125	0
Total	1.38	15.55		
Wind				
Total	2.91	88.64	0	0
Total	2.91	88.64		
CPP				
APML(Mus)	67.78	570.80	0	0
JSWEL(Mus)	24.54	213.29	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.64	39.36	0	0
Other(Mus)	9.63	83.01	0	0
Total	110.60	906.46		
SOLAR				
Total	5.46	55.12	0	0
Total	5.46	55.12		
Tata				
Trombay 5	9.73	79.08	467	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	25.22	118	116
Trombay 7B	1.58	14.16	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.82	35.07	459	2
Total	18.93	153.53		
AEML				
DTPS U-1&2	11.25	92.31	501	372
Total	11.25	92.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.82	1203.51	MSPGCL Total	156.81	1329.95
			MSPGCL Thml+Gas	145.25	1255.54	Koyna 1,2 & 4 Total	8.24	47.77
			MSPGCL Hydro	11.56	74.40	State Total	305.96	2626.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	6018	66	278	6362	140	4711	0	0	5588	5361	-1246	15328	0	15328	2181	17509	50.00
2	5862	66	267	6195	150	4362	0	0	5521	5326	-1175	14858	0	14858	2028	16886	49.95
3	5835	66	289	6190	131	4386	0	0	5229	5385	-1051	15041	0	15041	1905	16946	49.97
4	5749	61	268	6078	139	4690	0	0	5130	5330	-973	15264	0	15264	1827	17091	50.01
5	6008	71	278	6357	81	4934	0	0	5226	5137	-826	15683	0	15683	1795	17478	50.00
6	6004	216	268	6488	115	4960	0	0	5591	5560	-733	16390	0	16390	1817	18207	49.98
7	6054	257	279	6590	87	4892	0	22	6523	6515	-662	17444	0	17444	1846	19290	49.98
8	6044	100	269	6413	116	4927	0	151	6871	6798	-724	17682	0	17682	1960	19642	50.03
9	5971	157	278	6406	49	4912	0	380	6551	6724	-926	17545	0	17545	2210	19755	49.99
10	5990	309	268	6567	29	4965	0	563	6720	6494	-1240	17378	0	17378	2485	19863	50.01
11	5975	351	255	6581	38	5035	0	723	6910	6936	-1472	17841	0	17841	2664	20505	49.95
12	5951	427	266	6644	42	4818	0	784	7006	6595	-1500	17383	0	17383	2745	20128	49.97
13	5997	590	254	6841	27	4470	0	768	6930	6860	-1483	17483	0	17483	2739	20222	49.98
14	5666	443	255	6364	59	4444	0	754	6881	6748	-1430	16939	0	16939	2676	19615	50.02
15	5466	808	264	6538	76	4409	0	606	6816	6770	-1348	17051	0	17051	2726	19777	49.99
16	5444	1041	244	6729	91	4450	0	418	6553	6224	-1175	16737	0	16737	2733	19470	50.01
17	5335	1032	264	6631	124	4475	0	243	6162	5942	-1120	16295	0	16295	2659	18954	50.01
18	5317	1173	266	6756	159	4445	0	47	5817	5464	-967	15904	0	15904	2545	18449	50.00
19	5416	1525	257	7198	214	4455	0	0	5493	5443	-912	16398	0	16398	2515	18913	50.02
20	5530	1367	268	7165	193	4294	0	0	5587	5458	-901	16209	0	16209	2505	18714	50.03
21	5777	413	278	6468	203	4409	0	0	5419	5415	-849	15646	0	15646	2397	18043	50.00
22	5822	261	268	6351	237	4439	0	0	5376	5536	-850	15713	0	15713	2377	18090	50.02
23	5808	351	278	6437	217	4249	0	0	5174	5439	-986	15356	0	15356	2274	17630	49.98
24	5782	407	269	6458	194	4464	0	0	5117	5168	-1224	15060	0	15060	2349	17409	50.00
MUs	138.82	11.56	6.43	156.81	2.91	110.59	0.00	5.46	144.19	142.63	-25.77	392.63	0.00	392.63	55.96	448.59	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 09/Oct/2020

Position as on 6.30 Hrs of 10/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 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	
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		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	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	Paras Unit 3	250	09/10/2020	02.51		Continued.	Boiler Tube Leakage	
IPP	Adani U-2	660	09/10/2020	12.16		Continued.	Genrator seal oil problem	
MSPGCL	Chandrapur Unit-8	500	09/10/2020	13.17	09/10/2020	16.39	Drum level high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 10/Oct/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	08/10/2020	17.19	09/10/2020	09.26	HT	Over Voltage
Akola Wardha li	InterState	09/10/2020	10.38	09/10/2020	18.16	EO	Conductor Opened
Dhule Sar'Sarovar II	InterState	09/10/2020	16.55		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).
Bableshwar- Aurangabad (Waluj)	IntraState	07/10/2020	09.15	09/10/2020	18.51	PO	Relay Replacement Work
N.Koyna-Karad -Ckt II	IntraState	08/10/2020	09.58	09/10/2020	08.54	PO	To attend Hot Spot
Parly(MS)- Nanded ckt I	IntraState	09/10/2020	09.36	09/10/2020	17.29	PO	Hardware Tightening & Fitting work
Padghe - Nagothane - I	IntraState	09/10/2020	12.49		Continued.	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	09/10/2020	19.04	10/10/2020	06.09	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	09/10/2020	20.30	10/10/2020	06.04	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
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	09/10/2020	08.38	09/10/2020	18.00	PO	Annual Maintenance Work
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
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
Mahad - Pedambe	IntraState	08/10/2020	17.00		Continued.	T	Distance Protection
satara MIDC- Malharpeth	IntraState	09/10/2020	09.10	09/10/2020	16.51	PO	Replacement work
Flagship-Chinchwad	IntraState	09/10/2020	09.23	09/10/2020	18.12	PO	Tower Erection Work
Chinchwad- Parvati	IntraState	09/10/2020	09.23	09/10/2020	19.08	PO	Tower Erection Work
Kharghar-Sonkhar	IntraState	09/10/2020	09.42	09/10/2020	20.00	PO	Routine Maintenance Work
Nerle - Dasgaon	IntraState	09/10/2020	10.06	09/10/2020	18.04	PO	Line Maintenance work
Kalwa1- Airoli Knowledge Park	IntraState	09/10/2020	10.16	09/10/2020	17.30	PO	Bus Outage at kalwa
Uran - Kharghar I	IntraState	09/10/2020	11.04	09/10/2020	18.08	PO	Attending Hot Spot
Bapgaon - Kalwa	IntraState	09/10/2020	11.32	09/10/2020	15.05	T	Distance Protection
Ghatghar - Bapgaon	IntraState	09/10/2020	11.37	09/10/2020	11.57	T	Distance Protection
220 KV ICT Outages/Trippings							
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	09/10/2020	10.05	09/10/2020	17.46	PO	Quarterly Maintainance Work
220/33 Kv 50 Mva Bhel Ptr 2 @Kharghar	IntraState	09/10/2020	10.07	09/10/2020	15.00	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							

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/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 10/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mansar PENCH	InterState	09/10/2020	12.44	09/10/2020	14.23	PO	AMR Panel commissioning at 132kv PENCH