

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Oct/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.938	257.921	1) Gujrat	10.900	21.846
2) Hydro	3.887	8.377	2) Madhya Pradesh	2.548	5.254
3) Gas	6.480	12.946	3) Chattisgarh	5.520	10.310
Total MSPGCL	138.305	279.244	4) Maharashtra	122.314	245.337
B) 1) APML	53.233	105.459	5) Goa (Amona)	-1.233	-2.632
2) JSWEL	22.963	45.255	Total	140.049	280.115
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.389	41.897
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.044	54.699
5) WPCL	2.704	5.381	c) MSEDCL Bilateral *	30.887	60.827
6) Other IPP	8.190	16.559	Include PX	4.588	9.764
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.389	41.897
C) 1) TPCL Thermal	7.727	15.117	Include PX	8.496	16.520
2) TPCL Hydro	2.268	6.098	Standby	0.000	0.000
3) TPCL Gas	4.387	8.764	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.077	18.345	1) MSEDCL	355.038	711.645
D) STATE			2) Mumbai Discoms	50.503	103.022
1) Thermal	231.832	464.037	TOTAL STATE	405.541	814.667
(A1+C1+C4+(B1-B6))					
2) Hydro	6.155	14.475			
(A2+C2)					
3) Gas	10.867	21.710			
(A3+B7+C3)					
4) Wind	9.980	22.073			
6) SOLAR	6.658	12.258			
TOTAL STATE	265.492	534.553			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5117	5176	5550	5237
MSPGCL Hydro	385	307	316	78
MSPGCL Gas	259	268	261	284
MSPGCL Total Generation	5761	5751	6127	5599
Central Sector Receipt	6407	6331	5799	5151
WIND	262	250	531	446
CPP / IPP Thermal	3465	3525	3963	3283
CPP / IPP Gas	0	0	0	0
SOLAR	1016	893	0	0
Exchange with Mumbai	-1426	-1470	-919	-909
MSEDCL DEMAND MET	15485	15280	15501	13570
Load Shedding	0	0	0	0
MSEDCL DEMAND	15485	15280	15501	13570
TPCL GENERATION	514	558	1012	494
AEML GENERATION	373	372	372	371
MUMBAI DEMAND	2313	2400	2303	1774
STATE DEMAND MET	17798	17680	17804	15344
STATE DEMAND	17798	17680	17804	15344
Frequency (Hz)	49.95	49.96	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 08.00 Hrs	49.73 Hz at 16.46 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 02/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	9.40	19.71	460	223
Unit 9	11.32	21.86	530	392
Unit 10	8.92	18.38	400	345
Total	29.64	59.96		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.84	19.06	505	360
Unit 5	9.75	18.94	500	355
Total	19.60	38.00		
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	0.00	2.16	0	0
Unit 4	3.71	7.09	161	151
Unit 5	10.10	19.87	425	400
Unit 6	9.54	19.09	425	340
Unit 7	0.00	0.00	0	0
Unit 8	10.60	20.93	455	420
Unit 9	10.78	21.24	470	430
Total	44.74	90.38		
Paras				
Unit 3	5.02	9.77	249	185
Unit 4	4.57	9.83	250	130
Total	9.58	19.59		
Khaparkheda				
Unit 1	3.48	7.00	160	120
Unit 2	4.07	8.10	185	160
Unit 3	3.67	7.50	160	140
Unit 4	3.66	7.51	173	130
Unit 5	9.51	19.89	460	350
Total	24.38	49.99		
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	6.48	12.95	285	248
Total	6.48	12.95		
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)	0.50	1.63	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.50	1.63		
Koyna				
Stage 1-2	1.73	3.66	265	40
Stage 4	0.00	0.48	0	0
Stage 3	0.51	1.21	160	0
Total	2.24	5.36		
Hydro				
KDPH	0.13	0.13	18	0
VTRNA	0.00	0.00	0	0
TILLARI	0.65	1.06	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	0.57	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.54	1.08	23	22
SMLHY_PTN	0.05	0.17	5	0
GHATGHAR	0.01	0.01	12	0
Total	1.65	3.02		
Wind				
Total	9.98	22.07	0	0
Total	9.98	22.07		
CPP				
APML(Mus)	53.23	105.46	0	0
JSWEL(Mus)	22.96	45.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	5.38	0	0
Other(Mus)	8.19	16.56	0	0
Total	87.09	172.65		
SOLAR				
Total	6.66	12.26	0	0
Total	6.66	12.26		
Tata				
Trombay 5	7.73	15.12	395	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	5.61	119	115
Trombay 7B	1.58	3.16	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.27	6.10	459	2
Total	14.38	29.98		
AEML				
DTPS U-1&2	9.08	18.34	454	370
Total	9.08	18.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.94	257.92	MSPGCL Total	138.30	279.24
			MSPGCL Thml+Gas	134.42	270.87	Koyna 1,2 & 4 Total	1.73	4.14
			MSPGCL Hydro	3.89	8.38	State Total	265.49	534.55

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	5173	113	283	5569	403	3376	0	0	5465	5331	-1117	13562	0	13562	2003	15565	49.95
2	5216	68	274	5558	421	3377	0	0	5352	5183	-1050	13489	0	13489	1914	15403	50.01
3	5213	78	274	5565	357	3299	0	0	5228	5286	-964	13543	0	13543	1831	15374	49.99
4	5237	78	284	5599	446	3283	0	0	5172	5151	-909	13570	0	13570	1774	15344	50.00
5	5307	158	274	5739	459	3282	0	0	5206	5304	-883	13901	0	13901	1751	15652	49.99
6	5575	78	285	5938	514	3852	0	0	5398	5548	-900	14952	0	14952	1778	16730	50.01
7	5569	158	285	6012	461	3982	0	20	5930	6081	-774	15782	0	15782	1799	17581	50.02
8	5582	102	274	5958	445	3902	0	216	6549	6520	-809	16232	0	16232	1843	18075	50.07
9	5308	123	273	5704	431	3862	0	515	6506	6410	-1082	15840	0	15840	1950	17790	50.05
10	5288	122	263	5673	316	3668	0	761	6413	6384	-1248	15554	0	15554	2116	17670	50.10
11	5240	180	271	5691	280	3387	0	923	6509	6435	-1384	15332	0	15332	2255	17587	50.02
12	5117	385	259	5761	262	3465	0	1016	6393	6407	-1426	15485	0	15485	2313	17798	49.95
13	5176	307	268	5751	250	3525	0	893	6455	6331	-1470	15280	0	15280	2400	17680	49.96
14	5201	153	258	5612	265	3520	0	790	6438	6163	-1426	14924	0	14924	2298	17222	50.00
15	5165	108	258	5531	277	3480	0	672	6335	6315	-1430	14845	0	14845	2294	17139	49.99
16	5328	118	259	5705	261	3617	0	492	6257	6101	-1414	14762	0	14762	2284	17046	49.99
17	5473	112	248	5833	284	3593	0	278	6315	5888	-1321	14555	0	14555	2250	16805	49.91
18	5496	143	269	5908	283	3650	0	82	6027	5899	-1169	14653	0	14653	2216	16869	49.99
19	5498	191	271	5960	442	3965	0	0	6122	5897	-996	15268	0	15268	2287	17555	50.02
20	5550	316	261	6127	531	3963	0	0	5879	5799	-919	15501	0	15501	2303	17804	50.01
21	5447	309	271	6027	611	3890	0	0	5210	5545	-952	15121	0	15121	2258	17379	50.01
22	5240	250	273	5763	639	3900	0	0	5214	5307	-1009	14600	0	14600	2207	16807	50.03
23	5275	135	272	5682	694	3774	0	0	5275	5293	-1119	14324	0	14324	2192	16516	50.02
24	5264	102	273	5639	648	3478	0	0	5199	5471	-1273	13963	0	13963	2187	16150	50.00
MUs	127.94	3.89	6.48	138.31	9.98	87.09	0.00	6.66	140.85	140.05	-27.04	355.04	0.00	355.04	50.50	405.54	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 02/Oct/2020

Position as on 6.30 Hrs of 03/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	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	
MSPGCL	Parli Unit 6	250	11/09/2020	23.55		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	14/09/2020	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Oct/2020

Position as on 6.30 Hrs of 03/Oct/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	03/10/2020	00.29		Continued.	Filter Replacement work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 03/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 Khandwa II	InterState	23/09/2020	17.54		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/10/2020	02.25		Continued.	T	DT Received Y phase Tripped
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).
Padghe - Nagothane - II	IntraState	29/09/2020	20.38		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	01/10/2020	17.51	02/10/2020	08.07	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/10/2020	20.04	02/10/2020	08.49	HT	Over Voltage
Padghe - Kalwa- I	IntraState	02/10/2020	00.11	02/10/2020	08.01	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	02/10/2020	09.09	02/10/2020	18.31	PO	Quarterly Maintainance Work
Khadka-Aurangabad (Waluj)	IntraState	02/10/2020	18.06		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	02/10/2020	19.57		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	03/10/2020	01.02		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
400/220/33 Kv 315 MVA ICT-3 @Padghe	IntraState	02/10/2020	12.42	02/10/2020	20.28	PO	Air cell Checking & recommission work
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)
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.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38	02/10/2020	00.12	PO	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
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
Oni Kharepatan Line	IntraState	02/10/2020	09.13	02/10/2020	16.57	PO	Quarterly Maintainance Work
Nerle - Dasgaon	IntraState	02/10/2020	09.20	02/10/2020	17.24	PO	Testing Work
Miraj - Mhaishal	IntraState	02/10/2020	09.35		Continued.	PO	Insulator Replacement Work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/10/2020	09.35	02/10/2020	18.30	PO	Insulator Replacement Work
MALEGAON - KALWAN CKT-1	IntraState	02/10/2020	09.40	02/10/2020	14.18	EO	emergency outage for attending red hot b phase toward kalwan side
GIS Bhandup - Borivali	IntraState	02/10/2020	10.09	02/10/2020	14.02	PO	Quarterly Maintainance Work
MALEGAON - KALWAN CKT-2	IntraState	02/10/2020	14.20	02/10/2020	19.07	EO	For attending red hot of B-phase towards malegaon side

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