

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Oct/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.765	781.165	1) Gujrat	2.529	32.493
2) Hydro	12.604	48.415	2) Madhya Pradesh	7.941	21.449
3) Gas	4.513	32.650	3) Chattisgarh	6.630	32.730
Total MSPGCL	144.882	862.230	4) Maharashtra	124.695	731.705
B) 1) APLM	71.112	359.613	5) Goa (Amona)	-2.027	-8.905
2) JSWEL	23.702	140.411	Total	139.768	809.472
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.440	128.405
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.693	149.251
5) WPCL	2.756	16.273	c) MSEDCL Bilateral *	30.320	191.750
6) Other IPP	9.487	54.073	Include PX	5.112	31.463
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.440	128.405
C) 1) TPCL Thermal	9.748	50.737	Include PX	7.684	42.477
2) TPCL Hydro	5.614	20.267	Standby	0.000	0.000
3) TPCL Gas	4.380	26.219	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.902	60.150	1) MSEDCL	384.715	2205.913
D) STATE			2) Mumbai Discoms	53.337	306.623
1) Thermal	255.472	1462.422	TOTAL STATE	438.052	2512.536
(A1+C1+C4+(B1-B6))					
2) Hydro	18.218	68.682			
(A2+C2)					
3) Gas	8.893	58.869			
(A3+B7+C3)					
4) Wind	9.391	73.842			
6) SOLAR	6.310	39.250			
TOTAL STATE	298.284	1703.065			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5146	5175	5428	5232
MSPGCL Hydro	442	1287	1581	67
MSPGCL Gas	130	256	267	130
MSPGCL Total Generation	5718	6718	7276	5429
Central Sector Receipt	7046	6472	5502	4410
WIND	196	171	458	670
CPP / IPP Thermal	4619	4203	4558	4412
CPP / IPP Gas	0	0	0	0
SOLAR	889	512	0	0
Exchange with Mumbai	-1129	-1125	-849	-896
MSEDCL DEMAND MET	17339	16951	16945	14025
Load Shedding	0	0	0	0
MSEDCL DEMAND	17339	16951	16945	14025
TPCL GENERATION	1031	975	1054	509
AEML GENERATION	504	496	500	370
MUMBAI DEMAND	2664	2596	2403	1775
STATE DEMAND MET	20003	19547	19348	15800
STATE DEMAND	20003	19547	19348	15800
Frequency (Hz)	50.02	50.00	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 07.33 Hrs	49.77 Hz at 17.42 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 06/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	8.00	66.91	533	220
Unit 9	7.65	59.52	495	220
Unit 10	6.94	51.92	360	240
Total	22.59	178.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.23	61.00	500	360
Unit 5	11.19	60.66	500	360
Total	22.42	121.66		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.61	0.61	154	0
Unit 7	0.83	0.83	166	0
Unit 8	2.92	2.92	241	0
Total	4.36	4.36		
Chandrapur				
Unit 3	0.00	2.16	0	0
Unit 4	0.00	11.48	0	0
Unit 5	9.98	59.93	430	398
Unit 6	10.06	59.05	428	405
Unit 7	0.00	0.00	0	0
Unit 8	11.08	63.85	470	455
Unit 9	10.96	64.12	470	432
Total	42.09	260.59		
Paras				
Unit 3	4.89	30.10	217	190
Unit 4	5.41	31.46	252	200
Total	10.30	61.56		
Khaparkhedda				
Unit 1	2.70	20.62	150	80
Unit 2	4.20	24.64	180	170
Unit 3	4.26	23.55	185	170
Unit 4	4.20	23.30	185	170
Unit 5	10.65	62.54	480	420
Total	26.01	154.64		
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	4.51	32.65	278	120
Total	4.51	32.65		
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)	0.87	5.22	50	23

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.87	5.22		
Koyna				
Stage 1-2	4.12	19.40	555	40
Stage 4	5.24	11.17	745	0
Stage 3	1.99	7.24	286	0
Total	11.35	37.81		
Hydro				
KDPH	0.00	0.77	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.43	3.13	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	1.75	40	0
RNGR+BHTSA	0.00	0.14	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.53	3.21	22	22
SMLHY_PTN	0.00	0.22	0	0
GHATGHAR	0.00	0.90	0	0
Total	1.25	10.61		
Wind				
Total	9.39	73.84	0	0
Total	9.39	73.84		
CPP				
APML(Mus)	71.11	359.61	0	0
JSWEL(Mus)	23.70	140.41	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.76	16.27	0	0
Other(Mus)	9.49	54.07	0	0
Total	107.06	570.37		
SOLAR				
Total	6.31	39.25	0	0
Total	6.31	39.25		
Tata				
Trombay 5	9.75	50.74	472	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	16.80	117	116
Trombay 7B	1.57	9.42	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.61	20.27	459	2
Total	19.74	97.22		
AEML				
DTPS U-1&2	10.90	60.15	504	368
Total	10.90	60.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.76	781.16	MSPGCL Total	144.88	862.23
			MSPGCL Thml+Gas	132.28	813.82	Koyna 1,2 & 4 Total	9.36	30.57
			MSPGCL Hydro	12.60	48.42	State Total	298.28	1703.06

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Oct/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5374	72	140	5586	596	4565	0	0	4476	4489	-853	14383	0	14383	2026	16409	50.00
2	5330	67	130	5527	591	4477	0	0	4594	4471	-803	14263	0	14263	1893	16156	50.01
3	5232	67	130	5429	670	4412	0	0	4778	4410	-896	14025	0	14025	1775	15800	50.03
4	5142	62	140	5344	696	4383	0	0	4918	4611	-859	14175	0	14175	1702	15877	50.03
5	5235	62	130	5427	589	4292	0	0	4981	5073	-836	14545	0	14545	1673	16218	49.98
6	5385	77	130	5592	506	4501	0	0	5485	5644	-755	15488	0	15488	1702	17190	49.98
7	5435	724	140	6299	446	4467	0	25	6048	6124	-642	16719	0	16719	1753	18472	50.02
8	5364	731	130	6225	379	4488	0	195	6665	6648	-723	17212	0	17212	1868	19080	50.05
9	5241	537	140	5918	275	4550	0	485	6683	6725	-853	17100	0	17100	2117	19217	50.05
10	5171	420	130	5721	191	4491	0	685	6846	6843	-960	16971	0	16971	2405	19376	50.01
11	5191	449	120	5760	206	4611	0	808	6875	6916	-1126	17175	0	17175	2601	19776	50.00
12	5146	442	130	5718	196	4619	0	889	7023	7046	-1129	17339	0	17339	2664	20003	50.02
13	5143	187	120	5450	132	4563	0	894	7144	7047	-1219	16867	0	16867	2653	19520	50.02
14	5160	162	170	5492	103	4447	0	822	7011	7178	-1317	16725	0	16725	2573	19298	49.98
15	5202	527	231	5960	124	4361	0	649	6923	6659	-1268	16485	0	16485	2592	19077	49.91
16	5175	1287	256	6718	171	4203	0	512	6439	6472	-1125	16951	0	16951	2596	19547	50.00
17	5284	1217	265	6766	195	4223	0	286	6246	6286	-1006	16750	0	16750	2540	19290	49.98
18	5308	1148	256	6712	278	4276	0	59	5927	5696	-896	16125	0	16125	2452	18577	49.93
19	5375	1430	276	7081	351	4370	0	1	5742	5823	-880	16746	0	16746	2432	19178	49.95
20	5428	1581	267	7276	458	4558	0	0	5570	5502	-849	16945	0	16945	2403	19348	50.02
21	5512	687	278	6477	584	4619	0	0	5226	5054	-759	15975	0	15975	2313	18288	50.03
22	5607	218	258	6083	628	4603	0	0	5104	5359	-832	15841	0	15841	2225	18066	50.03
23	5678	148	278	6104	533	4496	0	0	5070	4998	-1027	15104	0	15104	2200	17304	50.03
24	5647	302	268	6217	493	4482	0	0	5118	4694	-1080	14806	0	14806	2179	16985	49.99
MUs	127.76	12.60	4.51	144.88	9.39	107.06	0.00	6.31	140.89	139.77	-22.69	384.71	0.00	384.71	53.34	438.05	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 06/Oct/2020

Position as on 6.30 Hrs of 07/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	
MSPGCL	Parli Unit 6	250	11/09/2020	23.55	06/10/2020	16.23	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	14/09/2020	00.00	06/10/2020	13.58	Zero Schedule.	
MSPGCL	Parli Unit 8	250	14/09/2020	20.45	06/10/2020	07.33	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	Koyna STG-IV Unit-2	250	01/10/2020	09.00		Continued.	Breaker Work	
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 06/Oct/2020

Position as on 6.30 Hrs of 07/Oct/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 4	210	04/10/2020	05.00		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	05/10/2020	16.47	06/10/2020	13.05	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 07/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	05/10/2020	18.23	06/10/2020	09.29	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/10/2020	17.53	07/10/2020	06.51	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).
Khadka-Aurangabad (Waluj)	IntraState	05/10/2020	17.20	06/10/2020	08.59	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	05/10/2020	21.13	06/10/2020	09.04	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	06/10/2020	17.54	07/10/2020	06.41	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	06/10/2020	20.27	07/10/2020	06.34	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)
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
GIS Bhandup - Borivali	IntraState	06/10/2020	08.56	06/10/2020	15.34	EO	Due to Sparking Observe at Cable terminal.
Kalwa - Mulund 2	IntraState	06/10/2020	09.35	06/10/2020	12.00	EO	Attending Hot Spot
Apta - Hoc	IntraState	06/10/2020	14.12	06/10/2020	18.02	EO	Attending Hot Spot
Chakan-Chinchwad	IntraState	06/10/2020	16.33	06/10/2020	17.31	T	22.38KM, R-Phase,B-Phase From Chakan End.
Kandalgaon - Sona Alloys	IntraState	06/10/2020	21.12	06/10/2020	23.04	EO	Attending Hot Spot

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