

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Oct/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.058	190.670	1) Gujrat	16.683	33.104
2) Hydro	8.288	16.779	2) Madhya Pradesh	9.018	19.721
3) Gas	9.591	19.199	3) Chattisgarh	1.900	5.390
Total MSPGCL	117.937	226.648	4) Maharashtra	146.194	283.738
B) 1) APMIL	21.254	52.758	5) Goa (Amona)	-0.198	-0.484
2) JSWEL	17.154	34.138	Total	173.597	341.469
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.188	54.011
4) RPL(AMT)	22.707	46.590	b) Mumbai Drawl	28.574	60.830
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.060	51.958
6) Other IPP	8.826	16.323	Include PX	7.876	14.679
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.188	54.011
C) 1) TPCL Thermal	13.863	27.652	Include PX	13.655	27.435
2) TPCL Hydro	1.572	6.320	Standby	0.000	0.000
3) TPCL Gas	3.118	5.421	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.878	21.197	1) MSEDCL	347.289	693.513
D) STATE			2) Mumbai Discoms	58.003	121.418
1) Thermal	194.740	389.328	TOTAL STATE	405.292	814.931
(A1+C1+C4+(B1-B6))					
2) Hydro	9.860	23.099			
(A2+C2)					
3) Gas	12.709	24.620			
(A3+B7+C3)					
4) Wind	7.522	22.882			
6) SOLAR	6.866	13.535			
TOTAL STATE	231.697	473.464			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4118	4179	4330	3902
MSPGCL Hydro	90	150	1328	44
MSPGCL Gas	397	382	388	404
MSPGCL Total Generation	4605	4711	6046	4350
Central Sector Receipt	8342	7755	6912	6154
WIND	225	239	305	458
CPP / IPP Thermal	2700	2681	3449	2766
CPP / IPP Gas	0	0	0	0
SOLAR	821	934	0	0
Exchange with Mumbai	-1642	-1588	-1125	-902
MSEDCL DEMAND MET	15051	14732	15587	12826
Load Shedding	0	0	0	0
MSEDCL DEMAND	15051	14732	15587	12826
TPCL GENERATION	642	629	1159	631
AEML GENERATION	373	499	499	374
MUMBAI DEMAND	2657	2716	2783	1907
STATE DEMAND MET	17708	17448	18370	14733
STATE DEMAND	17708	17448	18370	14733
Frequency (Hz)	50.03	49.98	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.03 Hrs	49.74 Hz at 18.36 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 02/Oct/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	0.00	0.00	0	0
Unit 9	8.98	17.91	520	330
Unit 10	10.01	18.26	480	332
Total	18.99	36.18		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.24	20.40	470	370
Unit 5	0.00	0.00	0	0
Total	10.24	20.40		
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	5.28	10.64	249	187
Unit 8	4.75	9.42	218	181
Total	10.04	20.06		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.62	6.74	160	143
Unit 5	6.22	12.29	275	240
Unit 6	6.13	12.54	275	200
Unit 7	0.00	0.00	0	0
Unit 8	6.38	15.07	290	240
Unit 9	7.22	15.36	310	280
Total	29.58	61.99		
Paras				
Unit 3	0.00	1.18	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	1.18		
Khaparkheda				
Unit 1	2.60	2.93	155	80
Unit 2	4.16	8.16	185	160
Unit 3	4.24	8.38	185	165
Unit 4	3.56	7.14	155	125
Unit 5	9.40	10.13	450	270
Total	23.96	36.74		
Nasik				
Unit 3	0.15	0.15	90	0
Unit 4	3.53	6.92	177	127
Unit 5	3.56	7.06	170	126
Total	7.24	14.12		
Uran				
All Units	9.59	19.20	413	382
Total	9.59	19.20		
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)	1.27	2.54	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.27	2.54		
Koyna				
Stage 1-2	3.82	8.30	540	40
Stage 4	2.65	4.46	500	0
Stage 3	1.05	2.64	160	0
Total	7.52	15.40		
Hydro				
KDPH	0.22	0.22	18	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	0.44	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.11	0.32	5	4
GHATGHAR	0.28	0.40	125	0
Total	0.77	1.38		
Wind				
Total	7.52	22.88	0	0
Total	7.52	22.88		
CPP				
APML(Mus)	21.25	52.76	0	0
JSWEL(Mus)	17.15	34.14	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	22.71	46.59	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.83	16.32	0	0
Total	69.94	149.81		
SOLAR				
Total	6.87	13.54	0	0
Total	6.87	13.54		
Tata				
Trombay 5	8.92	17.75	468	294
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.95	3.37	116	64
Trombay 7B	1.17	2.05	66	0
Trombay 8	4.94	9.90	218	197
TATA Hydro	1.57	6.32	310	2
Total	18.55	39.39		
AEML				
DTPS U-1&2	10.88	21.20	501	373
Total	10.88	21.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	100.06	190.67	MSPGCL Total	117.94	226.65
			MSPGCL Thml+Gas	109.65	209.87	Koyna 1,2 & 4 Total	6.47	12.76
			MSPGCL Hydro	8.29	16.78	State Total	231.70	473.46

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 02/Oct/2019

Annexure-2

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	3951	199	411	4561	515	3074	0	0	6322	6229	-1075	13304	0	13304	2324	15628	49.94
2	3898	69	404	4371	435	2930	0	0	6430	6207	-912	13031	0	13031	2131	15162	50.03
3	3869	44	401	4314	430	2812	0	0	6226	6372	-971	12957	0	12957	1991	14948	50.01
4	3902	44	404	4350	458	2766	0	0	6196	6154	-902	12826	0	12826	1907	14733	50.00
5	3912	54	402	4368	591	2817	0	0	6546	6668	-911	13533	0	13533	1895	15428	50.01
6	3971	184	403	4558	445	2905	0	0	6967	7283	-936	14255	0	14255	1951	16206	50.02
7	4063	49	413	4525	360	3019	0	31	7860	8000	-762	15173	0	15173	2007	17180	50.04
8	4220	112	404	4736	286	3001	0	211	7857	8214	-774	15674	0	15674	2085	17759	50.01
9	4245	84	399	4728	266	2927	0	522	8116	7980	-1094	15329	0	15329	2248	17577	50.04
10	4123	90	389	4602	246	2804	0	731	7785	7934	-1460	14857	0	14857	2470	17327	50.03
11	4118	90	397	4605	225	2700	0	821	8081	8342	-1642	15051	0	15051	2657	17708	50.03
12	4298	155	404	4857	219	2608	0	889	8289	8023	-1656	14940	0	14940	2743	17683	50.03
13	4179	150	382	4711	239	2681	0	934	8149	7755	-1588	14732	0	14732	2716	17448	49.98
14	4107	124	393	4624	277	2637	0	919	7311	7425	-1477	14405	0	14405	2609	17014	50.04
15	4205	78	403	4686	311	2657	0	785	7610	7675	-1488	14626	0	14626	2619	17245	50.01
16	4277	118	393	4788	256	2640	0	595	7732	8007	-1543	14743	0	14743	2630	17373	50.01
17	4255	68	393	4716	235	2822	0	330	7925	7986	-1586	14503	0	14503	2601	17104	49.97
18	4236	228	406	4870	220	3051	0	97	7432	7439	-1208	14469	0	14469	2609	17078	50.01
19	4282	704	395	5381	268	3347	0	1	7215	7375	-1080	15292	0	15292	2700	17992	49.91
20	4330	1328	388	6046	305	3449	0	0	6801	6912	-1125	15587	0	15587	2783	18370	49.99
21	4448	1343	398	6189	328	3260	0	0	6287	6467	-1023	15221	0	15221	2677	17898	50.02
22	4394	1123	408	5925	243	3013	0	0	6388	6368	-1024	14525	0	14525	2644	17169	50.00
23	4403	1083	400	5886	171	3008	0	0	6406	6428	-1156	14337	0	14337	2538	16875	49.99
24	4372	767	401	5540	193	3013	0	0	6449	6354	-1181	13919	0	13919	2470	16389	50.03
MUs	100.06	8.29	9.59	117.94	7.52	69.94	0.00	6.87	172.38	173.60	-28.57	347.29	0.00	347.29	58.01	405.29	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 02/Oct/2019

Position as on 6.30 Hrs of 03/Oct/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	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13		Continued.	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
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	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
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	
IPP	Adani U-1	660	19/09/2019	01.43		Continued.	Due to Low Coal Stock.	
MSPGCL	Parli Unit 6	250	19/09/2019	06.24		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 3	210	24/09/2019	13.45	02/10/2019	20.40	poor coal Receipt.	
IPP	Adani U-2	660	30/09/2019	05.37		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	30/09/2019	11.00		Continued.	wet coal.	
IPP	JSW (J) U3	300	30/09/2019	23.53		Continued.	No schedule.	
MSPGCL	Paras Unit 3	250	01/10/2019	11.18		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 7B	60	01/10/2019	14.15	02/10/2019	02.19	Gas Supply Pressure Fluctuation.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Oct/2019

Position as on 6.30 Hrs of 03/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC-G	Trombay 7A	120	01/10/2019	14.15	02/10/2019	00.05	Gas Supply Pressure Fluctuation.	
IPP	Adani U-5	660	01/10/2019	23.10		Continued.	Coal Shortage	
MSPGCL	Koyana STG-IV Unit-2	250	02/10/2019	19.19		Continued.	Down stream seal leakage problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 03/Oct/2019

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 2	IntraState	24/09/2019	17.43		Continued.	PO	Tower Height Rise work
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/09/2019	17.56		Continued.	PO	Tower Height Rise work
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 I	InterState	26/09/2019	22.49		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	16/09/2019	08:57		Continued.	PO	Replacement of Broken Spacer cum Damper (RFC at 18:50 hrs)
Khadka-Aurangabad (Waluj)	IntraState	24/09/2019	18.12		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	26/09/2019	01.05		Continued.	T	O/V (Trial Taken At 08.10 But Trip Again O/V.)
New Koyna - Dabhol - II	IntraState	01/10/2019	08.54		Continued.	PO	Earth Wire Replacement Work (RFC:20.00hrs Dt.01.10.2019)
Girwali- Lonikand 2	IntraState	02/10/2019	18.47	02/10/2019	19.13	HT	Hand trip For Reactor Out.
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 KV 315MVA ICT II @ Parali (Girwali)	IntraState	02/10/2019	11.29	02/10/2019	12.39	T	220Kv Bus Bar Operated Due To LA Bust OF Harangul-1 Line
400/220/33 Kv 500 MVA ICT-III @Parali (Girwali)	IntraState	02/10/2019	11.29	02/10/2019	12.40	T	220Kv Bus Bar Operated Due To LA Bust OF Harangul-1 Line
400/220/33 Kv 315 Mva Ict 1 @Parali (Girwali)	IntraState	02/10/2019	11.29	02/10/2019	14.00	T	220Kv Bus Bar Operated Due To LA Bust OF Harangul-1 Line
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	T	Distance Protection
Solapur(PG)- Jeur	InterState	02/10/2019	10.16	02/10/2019	18.12	PO	Work Of Conversion Of SSN To DSN.
Mahalakshmi Amona	InterState	03/10/2019	03.43	03/10/2019	04.44	T	Distance Protection
Tillari Amona	InterState	03/10/2019	03.43		Continued.	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur GCR - Sicom I	IntraState	01/10/2019	07.45		Continued.	PO	Erection of Inline Tower.
Chandrapur GCR - Sicom II	IntraState	01/10/2019	07.50		Continued.	PO	Erection of Inline Tower.
New Koyna - Pedambe	IntraState	02/10/2019	09.40	02/10/2019	21.20	EO	Attending Hot Spot AT Jack Bus Jump Of 220KV Pedambe.
Mudshingi-Wathar	IntraState	02/10/2019	10.12	02/10/2019	11.58	PO	Quarterly Maintainance Work
Parli(U-VIII) GCR CKT	IntraState	02/10/2019	11.29	02/10/2019	12.46	T	220Kv Bus Bar Operated Due To LA Bust OF Harangul-1 Line
Hingoli- Girawali	IntraState	02/10/2019	11.29	02/10/2019	12.47	T	220Kv Bus Bar Operated Due To LA Bust OF Harangul-1 Line
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	02/10/2019	11.29	02/10/2019	12.31	T	220Kv Bus Bar Operated Due To LA Bust OF Harangul-1 Line
Parli 3 (Oldgcr)-Harangul Ckt I	IntraState	02/10/2019	11.29	02/10/2019	21.15	T	B PH LA BRUST.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	02/10/2019	11.29	02/10/2019	12.52	T	220Kv Bus Bar Operated Due To LA Bust OF Harangul-1 Line
Parli 2-(Girwali) -Murud	IntraState	02/10/2019	11.29	02/10/2019	12.43	T	220Kv Bus Bar Operated Due To LA Bust OF Harangul-1 Line
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	02/10/2019	11.29	02/10/2019	12.53	T	220Kv Bus Bar Operated Due To LA Bust OF Harangul-1 Line
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	02/10/2019	17.28	03/10/2019	01.54	T	R Phase Decapping
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	02/10/2019	17.29	03/10/2019	01.56	T	R Phase Decapping
220kv Halkarni- Tillary	IntraState	03/10/2019	03.43	03/10/2019	06.07	T	Distance Protection

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