

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Oct/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.201	2612.551	1) Gujrat	2.237	266.478
2) Hydro	12.496	167.791	2) Madhya Pradesh	2.470	200.025
3) Gas	10.379	221.357	3) Chattisgarh	5.210	84.810
Total MSPGCL	124.076	3001.699	4) Maharashtra	124.757	2954.394
B) 1) APML	43.907	911.449	5) Goa (Amona)	-0.572	-11.484
2) JSWEL	21.813	455.021	Total	134.102	3494.223
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.141	718.905
4) RPL(AMT)	22.433	483.215	b) Mumbai Drawl	31.868	801.364
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.332	518.403
6) Other IPP	9.324	196.848	Include PX	-1.304	82.836
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.141	718.905
C) 1) TPCL Thermal	13.918	299.592	Include PX	5.336	261.795
2) TPCL Hydro	5.162	89.187	Standby	0.000	0.000
3) TPCL Gas	4.009	85.905	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.143	149.971	1) MSEDCL	330.569	8043.922
D) STATE			2) Mumbai Discoms	60.099	1426.015
1) Thermal	217.739	5108.647	TOTAL STATE	390.668	9469.937
(A1+C1+C4+(B1-B6))					
2) Hydro	17.658	256.978			
(A2+C2)					
3) Gas	14.388	307.262			
(A3+B7+C3)					
4) Wind	3.557	178.172			
6) SOLAR	3.225	124.659			
TOTAL STATE	256.567	5975.718			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4519	4224	4147	4021
MSPGCL Hydro	416	886	1821	250
MSPGCL Gas	429	422	423	430
MSPGCL Total Generation	5364	5532	6391	4701
Central Sector Receipt	6356	5880	5803	4627
WIND	81	83	106	145
CPP / IPP Thermal	4356	4365	4447	3468
CPP / IPP Gas	0	0	0	0
SOLAR	424	9	0	0
Exchange with Mumbai	-1468	-1471	-1400	-916
MSEDCL DEMAND MET	15113	14398	15347	12025
Load Shedding	0	0	0	0
MSEDCL DEMAND	15113	14398	15347	12025
TPCL GENERATION	1139	1172	1276	693
AEML GENERATION	247	222	246	191
MUMBAI DEMAND	2854	2865	2922	1800
STATE DEMAND MET	17967	17263	18269	13825
STATE DEMAND	17967	17263	18269	13825
Frequency (Hz)	50.03	50.00	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 13.03 Hrs	49.82 Hz at 16.56 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 23/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	7.76	67.71	340	284
Unit 9	0.00	214.01	0	0
Unit 10	10.97	232.45	510	416
Total	18.72	514.16		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.08	190.52	490	350
Unit 5	10.20	115.05	470	350
Total	20.27	305.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.50	41.35	155	0
Unit 7	3.50	109.68	248	0
Unit 8	0.00	71.04	0	0
Total	4.00	222.07		
Chandrapur				
Unit 3	4.18	74.38	190	163
Unit 4	3.89	83.12	171	155
Unit 5	8.30	188.08	360	330
Unit 6	9.34	194.58	435	355
Unit 7	0.00	0.00	0	0
Unit 8	9.50	206.22	440	347
Unit 9	9.11	200.47	440	320
Total	44.32	946.84		
Paras				
Unit 3	0.00	88.52	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	88.52		
Khaparkheda				
Unit 1	0.00	30.23	0	0
Unit 2	0.00	35.13	0	0
Unit 3	0.00	44.89	0	0
Unit 4	0.00	63.23	0	0
Unit 5	9.99	221.21	500	360
Total	9.99	394.69		
Nasik				
Unit 3	0.00	24.52	0	0
Unit 4	0.00	31.55	0	0
Unit 5	3.90	84.63	188	154
Total	3.90	140.70		
Uran				
All Units	10.38	221.36	455	419
Total	10.38	221.36		
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)	0.47	15.12	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.47	15.12		
Koyna				
Stage 1-2	3.18	69.03	470	40
Stage 4	4.05	43.69	937	0
Stage 3	1.82	26.76	160	0
Total	9.05	139.48		
Hydro				
KDPH	0.89	7.13	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.66	3.99	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	6.57	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	1.37	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.67	5.60	28	27
GHATGHAR	0.52	3.64	125	0
Total	3.44	28.31		
Wind				
Total	3.56	178.17	0	0
Total	3.56	178.17		
CPP				
APML(Mus)	43.91	911.45	0	0
JSWEL(Mus)	21.81	455.02	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	22.43	483.22	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	9.32	196.85	0	0
Total	97.48	2046.53		
SOLAR				
Total	3.22	124.66	0	0
Total	3.22	124.66		
Tata				
Trombay 5	9.06	189.54	480	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.51	53.42	116	71
Trombay 7B	1.50	32.48	66	52
Trombay 8	4.86	110.06	211	197
TATA Hydro	5.16	89.19	439	0
Total	23.09	474.68		
AEML				
DTPS U-1&2	5.14	149.97	251	190
Total	5.14	149.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.20	2612.55	MSPGCL Total	124.08	3001.70
			MSPGCL Thml+Gas	111.58	2833.91	Koyna 1,2 & 4 Total	7.23	112.72
			MSPGCL Hydro	12.50	167.79	State Total	256.57	5975.72

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Oct/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	4043	240	431	4714	318	3521	0	0	4994	5052	-1186	12419	0	12419	2137	14556	50.00
2	4051	200	430	4681	284	3488	0	0	4882	4775	-1079	12149	0	12149	1978	14127	49.98
3	4064	200	442	4706	178	3494	0	0	4560	4619	-999	11998	0	11998	1880	13878	49.96
4	4021	250	430	4701	145	3468	0	0	4437	4627	-916	12025	0	12025	1800	13825	49.99
5	4122	370	440	4932	95	3629	0	0	4687	4911	-907	12660	0	12660	1789	14449	50.01
6	4470	200	432	5102	45	4069	0	0	5250	5062	-985	13293	0	13293	1870	15163	50.02
7	4534	590	440	5564	79	4318	0	10	5310	5395	-967	14399	0	14399	2011	16410	49.99
8	4572	835	431	5838	109	4348	0	113	5429	5611	-992	15027	0	15027	2226	17253	50.00
9	4530	609	429	5568	108	4335	0	291	5867	5974	-1250	15026	0	15026	2546	17572	50.04
10	4519	416	429	5364	81	4356	0	424	6425	6356	-1468	15113	0	15113	2854	17967	50.03
11	4453	349	447	5249	106	4289	0	465	6327	6429	-1773	14765	0	14765	3034	17799	50.04
12	4467	262	447	5176	134	4238	0	411	6366	6376	-1861	14474	0	14474	3060	17534	50.02
13	4296	219	455	4970	112	3956	0	478	6306	5963	-1823	13656	0	13656	3022	16678	50.04
14	4098	179	439	4716	264	3789	0	441	6180	6077	-1755	13532	0	13532	2869	16401	50.04
15	3978	179	423	4580	254	3710	0	292	6369	6364	-1705	13495	0	13495	2861	16356	49.98
16	3948	244	421	4613	277	3795	0	204	6320	6423	-1643	13669	0	13669	2878	16547	49.99
17	4147	434	419	5000	127	4026	0	87	6102	6150	-1578	13812	0	13812	2882	16694	49.95
18	4224	886	422	5532	83	4365	0	9	5810	5880	-1471	14398	0	14398	2865	17263	50.00
19	4147	1821	423	6391	106	4447	0	0	5371	5803	-1400	15347	0	15347	2922	18269	50.01
20	4207	1744	423	6374	138	4539	0	0	5388	5584	-1261	15374	0	15374	2816	18190	50.00
21	4225	1085	423	5733	133	4380	0	0	5471	5286	-1248	14284	0	14284	2668	16952	50.00
22	4195	623	442	5260	99	4331	0	0	5405	5246	-1206	13730	0	13730	2535	16265	50.01
23	3966	283	430	4679	120	4479	0	0	5289	5208	-1169	13317	0	13317	2377	15694	50.03
24	3924	278	431	4633	162	4107	0	0	5325	4931	-1226	12607	0	12607	2220	14827	49.99
MUs	101.20	12.50	10.38	124.08	3.56	97.48	0.00	3.22	133.87	134.10	-31.87	330.57	0.00	330.57	60.10	390.67	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 23/Oct/2019

Position as on 6.30 Hrs of 24/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	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.	
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 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	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	Koyana Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
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.	
IPP	Adani U-1	660	19/09/2019	01.43	24/10/2019	17.42	Due to Low Coal Stock.	
AEML	AEML Unit 2	250	07/10/2019	21.18		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Nasik Unit 4	210	09/10/2019	23.59		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Khaparkheda 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	Uran Unit 8	108	18/10/2019	04.18	23/10/2019	10.38	Generator Vibration High.	
MSPGCL	Koradi Unit 9	660	21/10/2019	01.18	24/10/2019	18.30	Boiler Tube Leakage	
IPP	Adani U-2	660	21/10/2019	22.58		Continued.	APH Hot PA Bellow Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Oct/2019

Position as on 6.30 Hrs of 24/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda 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	Uran Unit 8	108	23/10/2019	12.46		Continued.	Compress Bearing vibration high.	
MSPGCL	Parli Unit 7	250	23/10/2019	17.00		Continued.	Zero Schedule.	
IPP	Adani U-4	660	24/10/2019	04.39	24/10/2019	08.33	governing valve 1 &3 sudden Closing.	
MSPGCL	Koradi Unit-8	660	24/10/2019	05.27		Continued.	Rotary Air Preheater Trip.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 24/Oct/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 I	InterState	19/10/2019	23.13		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	21/10/2019	22.06		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	23/10/2019	00.27	24/10/2019	11.43	T	Over Voltage
Padgha - Boisar (PG)	InterState	24/10/2019	14.25	24/10/2019	15.27	PO	Line Reactor Work.
Kolhapur Solapur (PG) II	InterState	24/10/2019	23.54		Continued.	T	Over Voltage
Jaigad-Karad Ckt-I	IntraState	19/10/2019	03.20		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/10/2019	08.20	23/10/2019	15.52	PO	Relay Retrofitting,while charging at 22.10hrs tripped on Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	19/10/2019	19.15		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	23/10/2019	09.13	23/10/2019	17.03	PO	Auto Recloser Out.
Akola II - Akola I Ckt-I	IntraState	23/10/2019	10.18	23/10/2019	18.48	PO	Routine Maintenance Work
Lonikand I - Koyna stage-IV	IntraState	24/10/2019	23.34		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.
400/220/33 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.
400/220kv 315 Mva ICT I @Karad	IntraState	23/10/2019	03.22	24/10/2019	10..35	T	Differential protection
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	23/10/2019	13.06	23/10/2019	14.37	PO	HOt Line, 71 Deg Celcius.
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)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Lonand-Baramati	IntraState	17/09/2019	11.13		Continued.	HT	To Control Overloading of Lonand-Jejuri Line.
Badnera-Akola I	IntraState	16/10/2019	08.07	23/10/2019	12.55	PO	Erection Of inline 220Kv Towers.
Badnera-Akola II	IntraState	16/10/2019	08.07	23/10/2019	12.56	PO	Erection Of inline 220Kv Towers.
Trombay - Kalwa	IntraState	22/10/2019	20.17	23/10/2019	07.29	PO	Tower Piling Work At LOC No.22A.
Khadka-Chalisgaon-2	IntraState	23/10/2019	01.02	23/10/2019	10.13	T	Distance Protection
Trombay Dharavi 9	IntraState	23/10/2019	08.50		Continued.	PO	Erection Of Tower LoC.I No.23
220kv Halkarni- Tillary	IntraState	23/10/2019	09.03	23/10/2019	17.47	PO	Earth Wire Replacement.
Halkarni-Mahalaxmi line	IntraState	23/10/2019	09.05	23/10/2019	17.43	PO	Earth Wire Replacement.
Talandge-Mudshingi Ckt-I	IntraState	23/10/2019	10.05	23/10/2019	12.15	PO	Line Maintenance work
Butibori - VIPL Ckt I	IntraState	23/10/2019	10.06	23/10/2019	16.21	PO	For CT Capacitance & Tan Delta & CB CRM & Timing.
Tembhurni - Jeur	IntraState	23/10/2019	10.54	23/10/2019	13.37	PO	Routine Maintenance Work
khaparkheda-Khaparkheda(new)-I	IntraState	23/10/2019	11.40	23/10/2019	18.23	PO	Routine Maintenance Work
Dasturi-Kandalgaon Line	IntraState	23/10/2019	13.15	23/10/2019	17.42	HT	Relay work.
Padghe - Jindal	IntraState	23/10/2019	14.30	23/10/2019	21.28	PO	checking CT Secondary Wiring Of Bus Bar Core.
Trombay MSETCL Tie 1	IntraState	23/10/2019	14.37	23/10/2019	19.14	HT	For Availing Bus Outage.
Trombay - Mulund	IntraState	23/10/2019	14.41	23/10/2019	19.17	HT	For Availing Bus Outage.
Loteparshuram- Dasturi Line	IntraState	23/10/2019	17.55	23/10/2019	20.31	HT	Relay work.
Trombay - Kalwa	IntraState	23/10/2019	20.02	24/10/2019	07.08	PO	Tower Piling Work At Loc.No.22A.

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 23/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 24/Oct/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bhambori Amalner	IntraState	23/10/2019	23.02	24/10/2019	07.39	T	Distance Protection
Raymond - TKES	IntraState	24/10/2019	08.20	24/10/2019	17.40	PO	Routine Maintenance Work Outages From Consumer End.
Pophali - Pedambe II	IntraState	24/10/2019	09.25	24/10/2019	09.38	PO	SF6 Gas Filling Work.
Halkarni-Olam(Agro)	IntraState	24/10/2019	12.20	24/10/2019	14.28	PO	LA Replacement.
Virur - Virurlytss1	IntraState	24/10/2019	13.05	24/10/2019	15.00	PO	ABT Meter Replacement Work.
Khadka-Chalisgaon-2	IntraState	24/10/2019	13.06	24/10/2019	14.35	EO	Attending Hot Spot On Line ISO R PH.
Virur - Virur Rly Tss 2	IntraState	24/10/2019	15.20	24/10/2019	16.15	PO	ABT Meter.
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Bhel Ptr 1 @Mahad	IntraState	23/10/2019	08.52	23/10/2019	19.30	PO	Cold Welding FR Oil Leakage.
220/132 KV 200 MVA ICT - 2 @ CHINCHWAD 2	IntraState	24/10/2019	06.33	24/10/2019	22.44	T	Differential protection
220/100 KV 200 MVA ICT-II @Kalwa	IntraState	24/10/2019	10.18	24/10/2019	13.10	PO	DC Leakage Attending Work.

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