

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/May/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.523	138.523	1) Gujrat	-0.888	-0.888
2) Hydro	25.181	25.181	2) Madhya Pradesh	12.038	12.038
3) Gas	6.887	6.887	3) Chattisgarh	4.120	4.120
Total MSPGCL	170.591	170.591	4) Maharashtra	116.411	116.411
B) 1) APML	62.643	62.643	5) Goa (Amona)	-0.440	-0.440
2) JSWEL	19.190	19.190	Total	131.241	131.241
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.428	26.428
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	31.676	31.676
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	12.443	12.443
6) Other IPP	7.531	7.531	Include PX	-6.252	-6.252
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.428	26.428
C) 1) TPCL Thermal	12.356	12.356	Include PX	19.460	19.460
2) TPCL Hydro	1.198	1.198	Standby	0.000	0.000
3) TPCL Gas	4.345	4.345	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.967	8.967	1) MSEDCL	397.409	397.409
D) STATE			2) Mumbai Discoms	58.542	58.542
1) Thermal	249.210	249.210	TOTAL STATE	455.951	455.951
(A1+C1+C4+(B1-B6))					
2) Hydro	26.379	26.379			
(A2+C2)					
3) Gas	11.232	11.232			
(A3+B7+C3)					
4) Wind	30.761	30.761			
6) SOLAR	7.128	7.128			
TOTAL STATE	324.710	324.710			

* 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 21 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5641	5640	5802	5554
MSPGCL Hydro	961	886	1540	1654
MSPGCL Gas	271	282	288	288
MSPGCL Total Generation	6873	6808	7630	7496
Central Sector Receipt	5993	5656	4586	5063
WIND	750	1375	1596	1536
CPP / IPP Thermal	3385	3574	3418	3680
CPP / IPP Gas	0	0	0	0
SOLAR	954	612	0	0
Exchange with Mumbai	-1374	-1434	-1326	-1449
MSEDCL DEMAND MET	16581	16591	15904	16326
Load Shedding	0	0	0	0
MSEDCL DEMAND	16581	16591	15904	16326
TPCL GENERATION	770	767	862	776
AEML GENERATION	374	373	372	373
MUMBAI DEMAND	2518	2574	2560	2598
STATE DEMAND MET	19099	19165	18464	18924
STATE DEMAND	19099	19165	18464	18924
Frequency (Hz)	50.00	50.00	50.05	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 18:02 Hrs	49.81 Hz at 13:39 Hrs	50.04	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 01/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.50	3.50	155	130
Unit 7	0.00	0.00	0	0
Unit 8	8.59	8.59	431	308
Unit 9	10.12	10.12	471	310
Unit 10	9.45	9.45	430	330
Total	31.66	31.66		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.04	9.04	495	355
Unit 5	9.00	9.00	490	350
Total	18.04	18.04		
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	4.12	4.12	195	163
Unit 4	4.05	4.05	180	165
Unit 5	7.89	7.89	410	0
Unit 6	9.37	9.37	459	365
Unit 7	9.20	9.20	450	365
Unit 8	8.86	8.86	380	355
Unit 9	8.76	8.76	388	350
Total	52.24	52.24		
Paras				
Unit 3	2.68	2.68	238	0
Unit 4	5.23	5.23	250	200
Total	7.91	7.91		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.61	3.61	160	115
Unit 3	3.82	3.82	162	150
Unit 4	3.84	3.84	160	160
Unit 5	9.55	9.55	460	362
Total	20.82	20.82		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.92	3.92	166	160
Unit 5	3.93	3.93	171	160
Total	7.84	7.84		
Uran				
All Units	6.89	6.89	301	271
Total	6.89	6.89		
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)	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	6.78	6.78	500	45
Stage 4	11.22	11.22	1007	0
Stage 3	4.39	4.39	320	0
Total	22.39	22.39		
Hydro				
KDPH	0.77	0.77	32	32
VTRNA	0.75	0.75	61	0
TILLARI	0.42	0.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	0.09	40	0
RNGR+BHTSA	0.26	0.26	11	10
BHANDARDRA	0.28	0.28	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	0.22	10	9
GHATGHAR	0.00	0.00	0	0
Total	2.79	2.79		
Wind				
Total	30.76	30.76	0	0
Total	30.76	30.76		
CPP				
APML(Mus)	62.64	62.64	0	0
JSWEL(Mus)	19.19	19.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.53	7.53	0	0
Total	89.36	89.36		
SOLAR				
Total	7.13	7.13	0	0
Total	7.13	7.13		
Tata				
Trombay 5	7.55	7.55	319	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	2.78	116	115
Trombay 7B	1.56	1.56	66	64
Trombay 8	4.81	4.81	202	199
TATA Hydro	1.20	1.20	170	0
Total	17.90	17.90		
AEML				
DTPS U-1&2	8.97	8.97	375	372
Total	8.97	8.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.52	138.52	MSPGCL Total	170.59	170.59
			MSPGCL Thml+Gas	145.41	145.41	Koyna 1,2 & 4 Total	18.00	18.00
			MSPGCL Hydro	25.18	25.18	State Total	324.71	324.71

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/May/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	6064	1708	289	8061	1619	4406	0	0	5478	5906	-1631	18361	0	18361	2770	21131	50.01
2	6070	1205	288	7563	1718	4377	0	0	6103	5699	-1502	17855	0	17855	2572	20427	50.04
3	5817	1323	290	7430	1594	3993	0	0	6000	5986	-1334	17669	0	17669	2401	20070	50.08
4	5805	1461	300	7566	1376	3881	0	0	5902	5688	-1197	17314	0	17314	2264	19578	50.03
5	5825	1254	290	7369	1366	3893	0	0	5881	5782	-1126	17284	0	17284	2193	19477	50.04
6	6198	618	292	7108	1212	4098	0	0	6251	6474	-1131	17761	0	17761	2197	19958	50.03
7	6475	980	291	7746	1011	4390	0	46	6059	5992	-1062	18123	0	18123	2136	20259	50.05
8	5968	527	301	6796	926	4273	0	247	5895	5724	-1057	16909	0	16909	2130	19039	50.10
9	5761	178	289	6228	868	3885	0	489	5782	5638	-1126	15982	0	15982	2198	18180	50.15
10	5656	326	286	6268	667	3445	0	736	5251	5556	-1225	15447	0	15447	2296	17743	50.10
11	5654	557	283	6494	799	3411	0	861	5571	5378	-1330	15613	0	15613	2433	18046	50.04
12	5641	961	271	6873	750	3385	0	954	5731	5993	-1374	16581	0	16581	2518	19099	50.00
13	5652	1088	280	7020	820	3367	0	968	5745	5664	-1381	16458	0	16458	2527	18985	49.98
14	5640	926	280	6846	986	3385	0	844	5754	5637	-1359	16339	0	16339	2502	18841	49.93
15	5664	883	281	6828	1057	3469	0	780	5938	5799	-1404	16529	0	16529	2545	19074	49.98
16	5640	886	282	6808	1375	3574	0	612	5720	5656	-1434	16591	0	16591	2574	19165	50.00
17	5646	624	283	6553	1485	3564	0	396	5538	5388	-1383	16003	0	16003	2524	18527	50.07
18	5593	1197	275	7065	1783	3425	0	173	4779	4636	-1332	15750	0	15750	2447	18197	50.06
19	5645	549	286	6480	1634	3389	0	22	4530	4467	-1296	14696	0	14696	2417	17113	50.04
20	5725	1254	297	7276	1638	3405	0	0	4289	4827	-1294	15852	0	15852	2534	18386	50.02
21	5802	1540	288	7630	1596	3418	0	0	4394	4586	-1326	15904	0	15904	2560	18464	50.05
22	5475	1644	288	7407	1565	3460	0	0	4528	4701	-1355	15778	0	15778	2546	18324	50.09
23	5554	1654	288	7496	1536	3680	0	0	4757	5063	-1449	16326	0	16326	2598	18924	49.98
24	5553	1838	289	7680	1380	3791	0	0	5076	5002	-1568	16285	0	16285	2660	18945	50.04
MUs	138.52	25.18	6.89	170.59	30.76	89.36	0.00	7.13	130.95	131.24	-31.68	397.41	0.00	397.41	58.54	455.95	50.04

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 01/May/2019

Position as on 6.30 Hrs of 02/May/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	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
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 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	
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.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero 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	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage(Converted for Zero Schedule from 00.00Hrs DT.22-04-2019)	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	23/04/2019	20.32		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	JSW (J) U4	300	30/04/2019	11.03		Continued.	C.W.Duct Water Line Leakage	
IPP	RPL(AMT) U-3	270	30/04/2019	17.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
IPP	Dhariwal	300	01/05/2019	00.00		Continued.	No Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/May/2019

Position as on 6.30 Hrs of 02/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 3	250	01/05/2019	07.00	01/05/2019	17.55	Air heater problem	
MSPGCL	Chandrapur Unit 5	500	01/05/2019	20.56	02/05/2019	09.03	Turbine Aux. fault.	
MSPGCL	Chandrapur Unit 9	500	02/05/2019	03.59	02/05/2019	22.22	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2019

Statement-VII

Position as on 6.30 Hrs of 02/May/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	01/05/2019	07.58	02/05/2019	06.55	PO	Ouatage(58 charging code cancel) 70 code for open line for high voltage. (RFC 21.15)
Dhule Sar'Sarovar II	InterState	02/05/2019	08.45		Continued.	PO	Maintenance work (RFC 18.20).
Koradi Bhilai	InterState	02/05/2019	16.12	02/05/2019	17.05	T	Distance Protection, Koradi end-Z1, B-PH, 1.78KA, 172KM.
Khadka-Aurangabad (Waluj)	IntraState	30/04/2019	17.54	02/05/2019	10.56	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	30/04/2019	23.35	01/05/2019	00.59	T	Distance Protection
Nagothane - Dabhol I	IntraState	02/05/2019	08.30	02/05/2019	20.50	PO	LE scheme for insulator string replacement.
Lonikand I - Koyna stage-IV	IntraState	02/05/2019	08.57	02/05/2019	12.46	PO	Replacement of faulty insulator string.
Chandrapur-II - Nanded ckt I	IntraState	02/05/2019	12.58	02/05/2019	07:00	T	Distance Protection, CH2 END-Z1, Y-E, 10KA, 28.6KM RFC(22.36).
Khadka-Aurangabad (Waluj)	IntraState	02/05/2019	17.15		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 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
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.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Talegaon(PG)-Talegaon(Ambi)-II	InterState	02/05/2019	11.07	02/05/2019	16.33	PO	Attending CT oil leakage.
Talegaon(PG)-Talegaon(Ambi)-II	InterState	02/05/2019	16.50	02/05/2019	17.22	T	Tripped on PDR.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet 86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Uran - Jnpt	IntraState	01/05/2019	08.24	01/05/2019	13.22	PO	Annual Maintenance Work
Ongc Uran - Jnpt	IntraState	01/05/2019	08.42	01/05/2019	13.39	PO	Annual Maintenance Work
Vita-Hiwarwadi	IntraState	01/05/2019	10.52	01/05/2019	18.40	PO	Restranging work.
Chandrapur(MIDC)-Ballarshah II	IntraState	02/05/2019	06.14	02/05/2019	11.59	PO	Providing additional pilot string at LOC no.01 to 08 on B-PH.
Halkarni-Mahalaxmiline	IntraState	02/05/2019	09.03	02/05/2019	17.38	PO	Insulator cleaning work & replacement of flash over insulator.
Sahara-Urse	IntraState	02/05/2019	10.01	02/05/2019	16.44	HT	Load management for outage on talegaon PG.
Hinjawadi I- Chinchwad	IntraState	02/05/2019	10.05	02/05/2019	15.49	HT	Load management for outage on talegaon PG.
Bhosari- Bhosari 2	IntraState	02/05/2019	10.55	02/05/2019	12.17	PO	CB timing.
Kalmeshwar-Pandhurna	IntraState	02/05/2019	11.42	02/05/2019	20.29	EO	Restranging to attend SAG in line.
New Koyna - Loteparshuram	IntraState	02/05/2019	15.16	02/05/2019	16.13	T	Distance Protection
Sahara-Urse	IntraState	02/05/2019	17.09	02/05/2019	17.20	T	Tripped on overloading-LTS operated.

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 01/May/2019

Statement-VII

Position as on 6.30 Hrs of 02/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/33kv 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	30/04/2019	06.48	01/05/2019	00.30	PO	Annual Maintenance Work
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	01/05/2019	14.48	01/05/2019	16.03	EO	Attending Hot Spot
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	02/05/2019	09.00	02/05/2019	17.50	PO	Testing Work
220/22 Kv 50 Mva Ptr 1 @Chakan	IntraState	02/05/2019	09.06	02/05/2019	15.28	PO	Testing Work
220/33kv 100 Mva Transformer 1 @Ghodbunder R/S	IntraState	02/05/2019	10.48	02/05/2019	12.46	PO	To release air after filtration.
220/33kv 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	02/05/2019	15.03	02/05/2019	17.30	PO	To release air after filtration.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Padegaon Paithan	IntraState	01/05/2019	18.00	01/05/2019	22.26	T	Distance Protection Z1, B-PH, 3.012KA, 6.5KM.
Achalpur-Anjangaon	IntraState	02/05/2019	15.33	02/05/2019	18.01	T	Achlpr-->Distance Protection, R,Y PH, Z1, IR=2.38KA, IY=2.45KA, 13.7KM. AJNGN--> R, Y PH A1, 8.4KM, IR=3.15KA, IY=3.08KA.

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