

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/May/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	172.090	2722.904	1) Gujrat	1.188	16.528
2) Hydro	41.233	645.182	2) Madhya Pradesh	13.278	192.435
3) Gas	4.467	120.948	3) Chattisgarh	3.350	74.480
Total MSPGCL	217.790	3489.034	4) Maharashtra	99.179	2147.119
B) 1) APLM	61.166	1225.562	5) Goa (Amona)	-0.506	-8.580
2) JSWEL	25.886	419.608	Total	116.489	2421.982
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.729	502.489
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.711	581.928
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	5.170	243.713
6) Other IPP	8.824	140.675	Include PX	-13.575	-102.894
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.729	502.489
C) 1) TPCL Thermal	14.707	231.782	Include PX	11.182	292.731
2) TPCL Hydro	5.614	83.534	Standby	0.000	0.000
3) TPCL Gas	4.351	77.560	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.673	173.392	1) MSEDCL	432.633	7685.513
D) STATE			2) Mumbai Discoms	64.056	1148.195
1) Thermal	293.346	4913.923	TOTAL STATE	496.689	8833.708
(A1+C1+C4+(B1-B6))					
2) Hydro	46.847	728.716			
(A2+C2)					
3) Gas	8.818	198.508			
(A3+B7+C3)					
4) Wind	23.905	442.436			
6) SOLAR	7.284	128.144			
TOTAL STATE	380.200	6411.727			

* 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 5 Hrs
MSPGCL Thermal	6832	7329	7320	7283
MSPGCL Hydro	1820	1972	1593	730
MSPGCL Gas	168	179	235	150
MSPGCL Total Generation	8820	9480	9148	8163
Central Sector Receipt	5713	5489	4694	4523
WIND	713	690	692	1565
CPP / IPP Thermal	3910	4119	4001	4112
CPP / IPP Gas	0	0	0	0
SOLAR	969	591	0	0
Exchange with Mumbai	-1648	-1378	-1049	-1004
MSEDCL DEMAND MET	18477	18991	17486	17359
Load Shedding	0	0	0	0
MSEDCL DEMAND	18477	18991	17486	17359
TPCL GENERATION	1003	1281	1251	775
AEML GENERATION	376	498	498	377
MUMBAI DEMAND	3027	3157	2798	2156
STATE DEMAND MET	21504	22148	20284	19515
STATE DEMAND	21504	22148	20284	19515
Frequency (Hz)	49.96	49.96	49.98	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 08.02 Hrs	49.79 Hz at 16.15 Hrs	49.99	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 18/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.94	29.00	180	145
Unit 7	0.00	0.00	0	0
Unit 8	9.80	189.33	456	343
Unit 9	11.63	163.82	536	445
Unit 10	11.78	197.76	530	450
Total	37.14	579.91		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.34	163.61	505	350
Unit 5	11.22	186.34	500	355
Total	22.56	349.96		
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	4.55	63.10	195	163
Unit 4	4.21	74.21	179	162
Unit 5	9.90	109.59	425	365
Unit 6	10.54	185.00	465	370
Unit 7	9.88	173.86	437	351
Unit 8	11.51	191.15	485	430
Unit 9	11.17	178.95	477	450
Total	61.76	975.85		
Paras				
Unit 3	5.86	102.82	257	208
Unit 4	5.98	103.48	256	200
Total	11.84	206.30		
Khaparkheda				
Unit 1	3.40	48.60	150	130
Unit 2	3.32	61.02	140	130
Unit 3	3.40	65.75	145	140
Unit 4	3.40	66.26	145	140
Unit 5	11.52	195.91	490	465
Total	25.04	437.54		
Nasik				
Unit 3	4.52	20.47	202	163
Unit 4	4.74	77.39	210	162
Unit 5	4.49	75.49	200	160
Total	13.75	173.35		
Uran				
All Units	4.47	120.95	349	139
Total	4.47	120.95		
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)	0.00	1.20	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.20		
Koyna				
Stage 1-2	7.54	123.58	495	45
Stage 4	22.58	355.34	1010	430
Stage 3	6.39	104.81	320	206
Total	36.51	583.74		
Hydro				
KDPH	0.60	12.29	25	25
VTRNA	0.83	14.72	60	0
TILLARI	0.00	6.60	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	4.32	40	0
RNGR+BHTSA	0.24	4.49	10	10
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	6.04	11	10
GHATGHAR	2.32	10.64	250	0
Total	4.72	61.45		
Wind				
Total	23.90	442.44	0	0
Total	23.90	442.44		
CPP				
APML(Mus)	61.17	1225.56	0	0
JSWEL(Mus)	25.89	419.61	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)	8.82	140.68	0	0
Total	95.88	1785.84		
SOLAR				
Total	7.28	128.14	0	0
Total	7.28	128.14		
Tata				
Trombay 5	9.90	153.92	481	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	49.41	116	115
Trombay 7B	1.57	28.15	67	64
Trombay 8	4.80	77.86	203	198
TATA Hydro	5.61	83.53	446	13
Total	24.67	392.88		
AEML				
DTPS U-1&2	10.67	173.39	499	374
Total	10.67	173.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	172.09	2722.90	MSPGCL Total	217.79	3489.03
			MSPGCL Thml+Gas	176.56	2843.85	Koyna 1,2 & 4 Total	30.12	478.93
			MSPGCL Hydro	41.23	645.18	State Total	380.20	6411.73

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/May/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	7302	2025	156	9483	900	4118	0	0	4622	4623	-1183	17941	0	17941	2696	20637	50.03
2	7345	1791	149	9285	1251	4123	0	0	4399	4508	-1018	18149	0	18149	2492	20641	50.04
3	7327	1595	149	9071	1393	4078	0	0	3911	3608	-911	17239	0	17239	2336	19575	50.02
4	7316	1137	139	8592	1492	4103	0	0	4080	4205	-853	17539	0	17539	2216	19755	50.01
5	7283	730	150	8163	1565	4112	0	0	4591	4523	-1004	17359	0	17359	2156	19515	50.03
6	7318	1197	151	8666	1408	4045	0	0	5023	5317	-1094	18342	0	18342	2187	20529	50.04
7	7206	1452	151	8809	1249	3988	0	56	5325	5175	-1013	18264	0	18264	2118	20382	50.03
8	6700	1748	149	8597	1272	3747	0	265	5154	5165	-1060	17986	0	17986	2174	20160	50.03
9	6561	1676	146	8383	1303	3554	0	521	5238	5376	-1224	17913	0	17913	2350	20263	50.04
10	6484	1789	145	8418	1182	3521	0	746	5322	5463	-1329	18001	0	18001	2621	20622	50.04
11	6806	1605	143	8554	989	3683	0	907	5432	5631	-1536	18228	0	18228	2893	21121	50.04
12	6832	1820	168	8820	713	3910	0	969	5478	5713	-1648	18477	0	18477	3027	21504	49.96
13	7235	1877	222	9334	551	3993	0	972	5543	5309	-1543	18616	0	18616	3038	21654	50.01
14	7363	1538	220	9121	539	3983	0	892	5442	5413	-1497	18451	0	18451	3000	21451	49.96
15	7363	2040	212	9615	661	4078	0	785	5351	5249	-1463	18925	0	18925	3115	22040	49.98
16	7329	1972	179	9480	690	4119	0	591	5642	5489	-1378	18991	0	18991	3157	22148	49.96
17	7238	2092	142	9472	757	4106	0	392	5202	5133	-1259	18601	0	18601	3061	21662	49.92
18	7208	2171	143	9522	803	4055	0	165	4566	4767	-1150	18162	0	18162	2931	21093	49.90
19	7430	1756	141	9327	699	4080	0	23	4098	4089	-1065	17153	0	17153	2798	19951	49.93
20	7320	1593	235	9148	692	4001	0	0	4736	4694	-1049	17486	0	17486	2798	20284	49.98
21	7278	1812	236	9326	812	4057	0	0	4389	4211	-1037	17369	0	17369	2754	20123	49.93
22	7205	2095	262	9562	818	4068	0	0	3916	4147	-1047	17548	0	17548	2702	20250	49.99
23	7334	2017	330	9681	1001	4198	0	0	4182	4270	-1114	18036	0	18036	2689	20725	49.92
24	7307	1705	349	9361	1165	4156	0	0	4536	4411	-1236	17857	0	17857	2747	20604	49.96
MUs	172.09	41.23	4.47	217.79	23.90	95.88	0.00	7.28	116.18	116.49	-28.71	432.63	0.00	432.63	64.06	496.69	49.99

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 18/May/2019

Position as on 6.30 Hrs of 19/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 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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	18/05/2019	18.54	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	
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.	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
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	Adani U-1	660	17/05/2019	00.35	19/05/2019	11.58	Steam Leakage From MSSV Bonnet.	
MSPGCL	Uran Unit 5	108	18/05/2019	00.11	18/05/2019	19.35	Withdrawn for filter replacement work.	
MSPGCL	Uran Unit 5	108	18/05/2019	20.16	18/05/2019	20.50	On Boiler Protection.	
MSPGCL	Uran Unit 8	108	19/05/2019	00.00		Continued.	Withdrawn Due To B0 & U-7	
IPP	JSW (J) U2	300	19/05/2019	10.02	19/05/2019	14.11	Instrument Card Failure.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2019

Statement-VII

Position as on 6.30 Hrs of 19/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	17/05/2019	13.39		Continued.	HT	Over Voltage
Wardha (Pg) Warora I	InterState	19/05/2019	10.05	19/05/2019	17.05	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	17/05/2019	18.04		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	18/05/2019	06.13	18/05/2019	10.33	PO	cold washing of Isulator.
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.
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	18/05/2019	06.48	18/05/2019	11.33	PO	PREMANSOON MAINTENANCE WORK.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	18/05/2019	09.29	18/05/2019	19.51	PO	BUSHING REPLACEMENT & MAINTENANCE WORK.
500 MVA ICT I @ Kudus	IntraState	18/05/2019	10.05	18/05/2019	15.39	PO	Routine Maintenance Work
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.
Boisar(MS) - Boisar (PG) - I	InterState	19/05/2019	06.20	19/05/2019	17.45	PO	Conductor stringing work.
Boiser(M)-Boiser(PG) -III	InterState	19/05/2019	06.36	19/05/2019	16.59	PO	Conductor Stringing Work.
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.
Karad - Vita Ckt- II	IntraState	18/05/2019	07.50	18/05/2019	17.54	PO	Routine Maintenance Work
Solapur(Bale) - Tuljapur	IntraState	18/05/2019	10.30	18/05/2019	14.12	PO	Routine Maintenance Work
chandrapur-Tadali	IntraState	18/05/2019	15.46	18/05/2019	19.01	T	Distance Protection
Boisar(M) - Ghodbunder	IntraState	19/05/2019	06.11	19/05/2019	17.53	HT	Load Management.
Boisar Versova Line	IntraState	19/05/2019	06.12	19/05/2019	17.52	HT	Load Management.
Boisar-Viraj	IntraState	19/05/2019	06.17	19/05/2019	17.50	HT	For Load Management.
Karad - Vita Ckt- II	IntraState	19/05/2019	07.50	19/05/2019	13.21	PO	Restranging Of B PH Conductor.
Dasturi-Kandalgaon Line	IntraState	19/05/2019	08.18	19/05/2019	16.00	PO	Cold Line Chemical Washing.
Trombay - Kalwa	IntraState	19/05/2019	08.51	19/05/2019	13.31	PO	Replacement Of CT PH.
Trombay-Salsette II	IntraState	19/05/2019	09.16	19/05/2019	16.25	PO	Insulator Cleaning.
Trombay Carnac 6	IntraState	19/05/2019	09.44	19/05/2019	16.36	PO	Insulator Cleaning.
Kalwa1 - Taloja	IntraState	19/05/2019	11.54	19/05/2019	14.05	T	tripped At Kalwa End Only On PDR,Y PH Dist.17.9KM, AR OOperated. Trip CKT Unhealthy.
Oni Kharepatan Line	IntraState	19/05/2019	11.54	19/05/2019	13.10	T	1.507KA, B-PH, Distence Protection.
Kandalgaon - Koyna (Pophali)	IntraState	19/05/2019	16.35	19/05/2019	19.10	PO	Cold Line Chemical Washing.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/132 Kv 100 Mva T&R Ict-1 @Bambhori	IntraState	18/05/2019	07.27	18/05/2019	09.01	PO	PRE MONSOON WORK.

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 18/May/2019

Statement-VII

Position as on 6.30 Hrs of 19/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva T&R lct-2 @Bambhori	IntraState	18/05/2019	09.08	18/05/2019	10.25	PO	PRE MONSOON WORK.
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	19/05/2019	09.15	19/05/2019	13.11	PO	Online DGA Test & CTR Trials.
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	19/05/2019	15.37	19/05/2019	17.45	PO	Online DGA Test & CTR Trials.
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.