

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/May/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.921	2758.544	1) Gujrat	-1.387	-64.452
2) Hydro	34.351	542.613	2) Madhya Pradesh	12.311	313.725
3) Gas	7.081	141.693	3) Chattisgarh	6.930	138.580
Total MSPGCL	180.353	3442.850	4) Maharashtra Net	128.338	2501.198
B) 1) APML	50.581	810.772	5) Goa (Amona)	-0.220	-7.304
2) JSWEL	27.572	525.954	Total	145.972	2881.747
3) VIPL	5.062	96.289	a) Mumbai Schedule	30.519	557.808
4) RPL(AMT)	13.304	286.415	b) Mumbai Drawl	32.766	591.405
5) WPCL	2.985	78.543	c) MSEDCL Bilateral *	42.476	841.169
6) PGPL	0.000	0.000	Include PX	10.721	186.802
7) Other IPP	9.521	187.894	d) Mumbai Bilateral *	30.519	557.728
C) 1) TPCL Thermal	16.976	316.648	Include PX	14.322	231.912
2) TPCL Hydro	4.852	97.746	Include Standby	0.000	0.080
3) TPCL Gas	2.109	50.054	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.975	222.989	1) MSEDCL	428.129	8206.163
D) STATE			2) Mumbai Discoms	68.678	1278.828
1) Thermal	276.897	5284.048	TOTAL STATE	496.807	9484.991
(A1+C1+C4+(B1-B6))					
2) Hydro	39.203	640.359			
(A2+C2)					
3) Gas	9.190	191.747			
(A3+B6+C3)					
4) Wind	19.560	370.237			
6) SOLAR	5.985	116.867			
TOTAL STATE	350.835	6603.258			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5886	5595	5687	5729
MSPGCL Hydro	879	1947	1817	1660
MSPGCL Gas	284	297	288	302
MSPGCL Total Generation	7049	7839	7792	7691
Central Sector Receipt	6672	6797	5594	5703
WIND	661	889	1240	643
CPP / IPP Thermal	4494	4925	4386	4293
CPP / IPP Gas	0	0	0	0
SOLAR	817	336	0	0
Exchange with Mumbai	-1728	-1524	-1316	-1096
MSEDCL DEMAND MET	17965	19262	17696	17234
Load Shedding	0	0	0	0
MSEDCL DEMAND	17965	19262	17696	17234
TPCL GENERATION	1000	1228	1160	790
R-INFRA GENERATION	499	498	497	500
MUMBAI DEMAND	3227	3250	2973	2386
STATE DEMAND MET	21192	22512	20669	19620
STATE DEMAND	21192	22512	20669	19620
Frequency (Hz)	49.89	49.97	49.88	49.80

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.01 Hrs	49.68 Hz at 03.33 Hrs	49.91	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 19/May/2018

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	6.51	157.67	297	219
Unit 9	8.11	166.29	383	316
Unit 10	7.48	157.66	349	280
Total	22.10	481.63		
Bhusawal				
Unit 3	3.48	72.12	195	0
Unit 4	0.00	175.78	0	0
Unit 5	10.21	188.18	475	390
Total	13.69	436.07		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.39	97.10	191	143
Unit 7	4.32	96.55	194	119
Unit 8	5.56	89.99	237	223
Total	14.27	283.64		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.08	189.01	470	454
Unit 6	0.00	0.00	0	0
Unit 7	10.68	141.58	459	435
Unit 8	10.32	182.15	445	417
Unit 9	10.54	182.45	460	413
Total	42.62	695.20		
Paras				
Unit 3	5.96	107.74	250	238
Unit 4	4.01	102.46	250	0
Total	9.97	210.20		
Khaparkheda				
Unit 1	3.67	69.33	165	145
Unit 2	4.48	74.52	190	175
Unit 3	4.39	75.35	205	167
Unit 4	4.28	74.49	185	165
Unit 5	10.50	195.60	500	400
Total	27.31	489.29		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.56	81.95	201	175
Unit 5	4.40	80.56	192	152
Total	8.97	162.51		
Uran				
All Units	7.08	141.69	305	282
Total	7.08	141.69		
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)	0.24	1.24	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.24	1.24		
Koyna				
Stage 1-2	8.32	134.81	580	65
Stage 4	17.46	269.82	970	400
Stage 3	6.03	88.15	320	76
Total	31.81	492.77		
Hydro				
KDPH	0.36	13.95	15	15
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	5.44	80	0
RNGR+BHTSA	0.27	5.20	12	11
BHANDARDRA	0.50	9.29	45	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	7.23	17	7
GHATGHAR	0.80	6.10	125	0
Total	2.54	49.84		
Wind				
Total	19.56	370.24	0	0
Total	19.56	370.24		
CPP				
APML(Mus)	50.58	810.77	0	0
JSWEL(Mus)	27.57	525.95	0	0
VIPL(Mus)	5.06	96.29	0	0
RPLAMT(Mus)	13.30	286.42	0	0
WPCL(Mus)	2.98	78.54	0	0
Other(Mus)	9.52	187.89	0	0
Total	109.02	1985.87		
SOLAR				
Total	5.98	116.87	0	0
Total	5.98	116.87		
Tata				
Trombay 5	11.30	209.90	480	450
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.16	28.56	55	46
Trombay 7B	0.95	21.50	44	38
Trombay 8	5.68	106.75	243	231
TATA Hydro	4.85	97.75	459	0
Total	23.94	464.45		
R-INFRA				
DTPS U-1&2	11.98	222.99	501	497
Total	11.98	222.99		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.92	2758.54	MSPGCL Total	180.35	3442.85
			MSPGCL Thml+Gas	146.00	2900.24	Koyna 1,2 & 4 Total	25.78	404.63
			MSPGCL Hydro	34.35	542.61	State Total	350.84	6603.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/May/2018

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	5806	1459	302	7567	1107	4808	0	0	5344	5529	-1474	17537	0	17537	2935	20472	49.92
2	5848	1418	303	7569	760	4794	0	0	5233	5402	-1274	17251	0	17251	2701	19952	49.90
3	5819	1580	293	7692	637	4502	0	0	5149	5565	-1166	17230	0	17230	2520	19750	49.82
4	5729	1660	302	7691	643	4293	0	0	5148	5703	-1096	17234	0	17234	2386	19620	49.80
5	5768	1775	305	7848	688	4533	0	0	5176	5350	-1053	17366	0	17366	2348	19714	49.90
6	5874	1564	304	7742	746	4446	0	0	5853	5858	-1047	17745	0	17745	2354	20099	49.93
7	5893	1367	305	7565	770	4255	0	45	6136	6501	-979	18157	0	18157	2273	20430	49.93
8	5922	1144	294	7360	752	4264	0	211	6075	6140	-1049	17678	0	17678	2342	20020	49.97
9	5917	718	301	6936	532	4234	0	401	5996	6248	-1198	17153	0	17153	2533	19686	49.95
10	5938	707	300	6945	655	4247	0	580	6258	6187	-1445	17169	0	17169	2849	20018	49.96
11	5896	774	285	6955	648	4446	0	740	6435	6115	-1679	17225	0	17225	3114	20339	49.86
12	5886	879	284	7049	661	4494	0	817	6879	6672	-1728	17965	0	17965	3227	21192	49.89
13	5871	811	292	6974	615	4424	0	824	7268	6888	-1690	18035	0	18035	3229	21264	49.86
14	5909	1294	282	7485	611	4234	0	743	6976	6978	-1562	18489	0	18489	3191	21680	49.89
15	5906	1659	282	7847	658	4386	0	645	6975	6906	-1545	18897	0	18897	3251	22148	49.87
16	5803	1689	285	7777	765	4822	0	498	7001	6884	-1580	19166	0	19166	3342	22508	49.94
17	5595	1947	297	7839	889	4925	0	336	6968	6797	-1524	19262	0	19262	3250	22512	49.97
18	5607	1989	287	7883	904	4889	0	127	6471	6416	-1457	18762	0	18762	3107	21869	49.95
19	5666	1521	300	7487	1101	4561	0	18	5721	5838	-1386	17619	0	17619	2985	20604	50.00
20	5687	1817	288	7792	1240	4386	0	0	5476	5594	-1316	17696	0	17696	2973	20669	49.88
21	5701	1711	299	7711	1150	4407	0	0	5276	5379	-1288	17359	0	17359	2907	20266	49.90
22	5723	1715	290	7728	1064	4774	0	0	5359	5437	-1346	17657	0	17657	2924	20581	49.92
23	5644	1397	301	7342	1024	4981	0	0	5539	5836	-1413	17770	0	17770	2944	20714	49.86
24	5513	1756	300	7569	940	4915	0	0	5609	5749	-1471	17702	0	17702	2993	20695	49.87
MUs	138.92	34.35	7.08	180.35	19.56	109.02	0.00	5.98	144.32	145.97	-32.77	428.13	0.00	428.13	68.68	496.81	49.91

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 19/May/2018

Position as on 6.30 Hrs of 20/May/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50	20/05/2018	22.33	PA Fan problem (Coal Shortage since 22.04.2018)	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
CENT.SECTOR	TARAPUR-3	540	02/05/2018	20.01		Continued.	Problem In Reactor	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	16/05/2018	17.29	19/05/2018	03.29	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	17/05/2018	23.11		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-4	135	19/05/2018	00.00	20/05/2018	22.44	ID Fan Problem	
MSPGCL	Koyna STG-IV Unit-4	250	19/05/2018	00.35	19/05/2018	16.10	Numerical Protection	
MSPGCL	Paras Unit 4	250	19/05/2018	16.22		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	20/05/2018	06.15	20/05/2018	09.14	Flame Failure	
MSPGCL	Parli Unit 6	250	20/05/2018	22.53		Continued.	generator transformer oil leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/May/2018

Statement-VII

Position as on 6.30 Hrs of 20/May/2018

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	17/05/2018	08.23		Continued.	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	19/05/2018	19.07		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	19/05/2018	14.13	19/05/2018	15.04	EO	To attend isolator sparking on R PH HV side isolator.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	20/05/2018	07.21	20/05/2018	18.56	PO	Routine Maintenance Work
400/220kv 315 Mva ICT II @Karad	IntraState	20/05/2018	16.01	20/05/2018	19.28	EO	Attending Hot Spot
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.
Badnera - Deoli (PG)	InterState	19/05/2018	03.40	19/05/2018	05.00	HT	H/T by WRDLC
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Nagothane-Wadkhal II	IntraState	14/05/2018	11.39	19/05/2018	18.37	PO	insulator replacement work.
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACEMENT OF HTLS CONDUCTOR.
Pophali - Nerale	IntraState	19/05/2018	08.15	19/05/2018	18.20	PO	Replacement of conductor.
Flagship-Chinchwad	IntraState	19/05/2018	09.221	19/05/2018	17.45	PO	Half yearly maintenance work
Vita - Ghatnandre	IntraState	19/05/2018	09.23	19/05/2018	18.13	PO	Cold line washing.
Hingoli- Girawali	IntraState	19/05/2018	11.48	19/05/2018	13.05	T	Distance Protection
Nanded-Ghatodi	IntraState	19/05/2018	11.48	19/05/2018	16.27	T	Distance Protection
Uran - Kharghar I	IntraState	19/05/2018	11.57	19/05/2018	18.25	PO	Routine Maintenance Work
Dhule - Dondaicha Ckt	IntraState	20/05/2018	07.15	20/05/2018	11.03	PO	Tan Delta Measurment of CTs
Pophali - Nerale	IntraState	20/05/2018	08.00	20/05/2018	19.05	PO	damage conductor replacement.
Hinjawadi I- Chinchwad	IntraState	20/05/2018	08.40	20/05/2018	14.30	PO	conductor replacement.
Trombay MSETCL Tie 2	IntraState	20/05/2018	08.59	20/05/2018	13.47	PO	cold line washing.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 Kv 200 Mva Cgl Ict @Satana	IntraState	19/05/2018	08.25	19/05/2018	12.45	PO	Pre monsoon Maintenance.
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	19/05/2018	09.25		Continued.	PO	Bushing replacement.
132 KV LINE Outages/Trippings							
Gangakhed- Sonpeth Ckt-I	IntraState	19/05/2018	14.47	19/05/2018	15.25	T	Distance Protection
Brahmapuri - Aa Energy	IntraState	19/05/2018	18.35	19/05/2018	19.25	T	Y PH CT burst at AA energy end.
Padegaon Garware	IntraState	20/05/2018	12.31	20/05/2018	13.38	T	Distance Protection
Chitegaon - Garware	IntraState	20/05/2018	12.32	20/05/2018	14.47	T	Distance Protection

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