

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.737	2688.166	1) Gujrat	-1.528	-44.979
2) Hydro	11.145	317.232	2) Madhya Pradesh	12.567	342.778
3) Gas	9.744	188.351	3) Chattisgarh	5.470	134.830
Total MSPGCL	170.626	3193.749	4) Maharashtra Net	123.399	2445.877
B) 1) APML	55.111	885.452	5) Goa (Amona)	-0.418	-8.536
2) JSWEL	27.776	386.627	Total	139.490	2869.970
3) VIPL	7.246	104.595	a) Mumbai Schedule	30.612	479.346
4) RPL(AMT)	26.487	445.416	b) Mumbai Drawl	33.609	563.367
5) WPCL	5.684	101.224	c) MSEDCL Bilateral *	30.795	707.835
6) PGPL	0.000	0.000	Include PX	-4.708	107.759
7) Other IPP	11.877	240.154	d) Mumbai Bilateral *	30.612	478.476
C) 1) TPCL Thermal	15.999	290.036	Include PX	13.634	160.353
2) TPCL Hydro	5.662	84.730	Include Standby	0.000	0.870
3) TPCL Gas	4.440	77.536	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.280	212.738	1) MSEDCL	433.747	7972.891
D) STATE			2) Mumbai Discoms	70.994	1228.415
1) Thermal	311.197	5354.408	TOTAL STATE	504.741	9201.306
(A1+C1+C4+(B1-B6))					
2) Hydro	16.807	401.962			
(A2+C2)					
3) Gas	14.184	265.887			
(A3+B6+C3)					
4) Wind	16.732	205.444			
6) SOLAR	6.327	103.627			
TOTAL STATE	365.247	6331.328			

* 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 19 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6263	6374	6492	5832
MSPGCL Hydro	813	822	289	117
MSPGCL Gas	415	414	364	418
MSPGCL Total Generation	7491	7610	7145	6367
Central Sector Receipt	6571	6822	5381	5707
WIND	281	557	827	858
CPP / IPP Thermal	5537	5647	5546	5460
CPP / IPP Gas	0	0	0	0
SOLAR	823	546	6	0
Exchange with Mumbai	-1615	-1722	-1646	-1126
MSEDCL DEMAND MET	19088	19460	17259	17266
Load Shedding	0	0	0	0
MSEDCL DEMAND	19088	19460	17259	17266
TPCL GENERATION	1337	1351	1015	745
R-INFRA GENERATION	499	499	394	409
MUMBAI DEMAND	3451	3572	3055	2280
STATE DEMAND MET	22539	23032	20314	19546
STATE DEMAND	22539	23032	20314	19546
Frequency (Hz)	49.98	49.92	50.01	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.02 Hrs	49.74 Hz at 14.05 Hrs	49.96	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/Apr/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	3.82	131.89	453	0
Unit 9	11.48	191.05	560	397
Unit 10	10.85	191.49	520	401
Total	26.15	514.42		
Bhusawal				
Unit 3	3.26	81.47	195	0
Unit 4	11.24	212.90	485	460
Unit 5	10.94	216.26	485	430
Total	25.45	510.63		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.79	106.09	246	239
Unit 7	5.76	100.30	246	230
Unit 8	4.34	73.05	211	159
Total	15.89	279.44		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	16.49	0	0
Unit 6	0.00	0.00	0	0
Unit 7	10.74	202.11	456	435
Unit 8	10.80	162.58	460	435
Unit 9	11.25	192.79	485	451
Total	32.79	573.96		
Paras				
Unit 3	5.97	107.72	250	243
Unit 4	5.85	66.07	254	236
Total	11.81	173.78		
Khaparkheda				
Unit 1	3.50	61.36	160	135
Unit 2	4.48	81.47	190	185
Unit 3	4.43	62.57	191	172
Unit 4	4.81	86.33	202	195
Unit 5	11.54	198.53	500	458
Total	28.76	490.27		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	4.41	20.70	190	167
Unit 5	4.49	83.28	195	160
Total	8.90	145.65		
Uran				
All Units	9.74	188.35	439	309
Total	9.74	188.35		
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	1.76	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.76		
Koyna				
Stage 1-2	3.28	79.70	415	40
Stage 4	2.47	113.15	503	0
Stage 3	1.47	42.34	160	0
Total	7.23	235.19		
Hydro				
KDPH	0.86	16.40	36	36
VTRNA	1.01	19.90	61	0
TILLARI	0.45	6.50	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	4.35	40	0
RNGR+BHTSA	0.30	5.38	13	12
BHANDARDRA	0.49	9.32	39	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	11.33	28	17
GHATGHAR	0.00	8.86	0	0
Total	3.92	82.04		
Wind				
Total	16.73	205.44	0	0
Total	16.73	205.44		
CPP				
APML(Mus)	55.11	885.45	0	0
JSWEL(Mus)	27.78	386.63	0	0
VIPL(Mus)	7.25	104.60	0	0
RPLAMT(Mus)	26.49	445.42	0	0
WPCL(Mus)	5.68	101.22	0	0
Other(Mus)	11.88	240.15	0	0
Total	134.18	2163.47		
SOLAR				
Total	6.33	103.63	0	0
Total	6.33	103.63		
Tata				
Trombay 5	10.56	191.66	486	328
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	48.46	120	115
Trombay 7B	1.61	29.07	68	66
Trombay 8	5.44	98.37	242	207
TATA Hydro	5.66	84.73	459	50
Total	26.10	452.30		
R-INFRA				
DTPS U-1&2	11.28	212.74	501	377
Total	11.28	212.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.74	2688.17	MSPGCL Total	170.63	3193.75
			MSPGCL Thml+Gas	159.48	2876.52	Koyna 1,2 & 4 Total	5.75	192.85
			MSPGCL Hydro	11.14	317.23	State Total	365.25	6331.33

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Apr/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	5832	900	416	7148	609	5686	0	0	5552	5586	-1463	17566	0	17566	2936	20502	49.95
2	5833	821	426	7080	652	5677	0	0	5547	5426	-1281	17554	0	17554	2712	20266	49.96
3	5822	220	426	6468	772	5658	0	0	5927	5315	-1133	17080	0	17080	2509	19589	49.95
4	5825	122	427	6374	850	5468	0	0	6024	5794	-1221	17265	0	17265	2349	19614	49.89
5	5832	117	418	6367	858	5460	0	0	5954	5707	-1126	17266	0	17266	2280	19546	49.92
6	5957	149	439	6545	974	5645	0	0	5932	5752	-878	18038	0	18038	2307	20345	49.95
7	6193	300	430	6923	869	5688	0	27	5878	5698	-837	18368	0	18368	2311	20679	49.98
8	6274	184	428	6886	775	5656	0	211	5832	5730	-977	18281	0	18281	2412	20693	49.98
9	6202	237	427	6866	595	5319	0	434	6097	6326	-1405	18135	0	18135	2713	20848	49.97
10	6214	476	422	7112	537	5322	0	661	6085	6390	-1699	18323	0	18323	3052	21375	49.96
11	6233	336	407	6976	363	5491	0	796	6457	6370	-1694	18302	0	18302	3336	21638	49.96
12	6263	813	415	7491	281	5537	0	823	6501	6571	-1615	19088	0	19088	3451	22539	49.98
13	6277	874	405	7556	341	5542	0	798	6760	6673	-1618	19292	0	19292	3462	22754	50.00
14	6409	588	417	7414	465	5548	0	815	6543	6680	-1636	19286	0	19286	3409	22695	50.01
15	6483	680	404	7567	480	5553	0	724	6652	6594	-1689	19229	0	19229	3511	22740	49.88
16	6374	822	414	7610	557	5647	0	546	6746	6822	-1722	19460	0	19460	3572	23032	49.92
17	6355	1094	415	7864	803	5649	0	352	6479	6132	-1609	19191	0	19191	3459	22650	49.97
18	6417	413	406	7236	915	5585	0	134	6281	5928	-1485	18313	0	18313	3286	21599	49.98
19	6492	289	364	7145	827	5546	0	6	5565	5381	-1646	17259	0	17259	3055	20314	50.01
20	6501	512	362	7375	799	5614	0	0	5191	5059	-1621	17226	0	17226	3046	20272	49.95
21	6498	397	329	7224	832	5727	0	0	4709	4719	-1270	17232	0	17232	2997	20229	49.99
22	6485	280	309	7074	898	5734	0	0	4740	4698	-1258	17146	0	17146	2901	20047	49.98
23	6503	263	410	7176	854	5726	0	0	4908	4861	-1337	17280	0	17280	2937	20217	49.93
24	6463	258	428	7149	826	5703	0	0	4924	5280	-1389	17569	0	17569	2987	20556	49.96
MUs	149.74	11.14	9.74	170.63	16.73	134.18	0.00	6.33	141.28	139.49	-33.61	433.75	0.00	433.75	70.99	504.74	49.96

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/Apr/2018

Position as on 6.30 Hrs of 20/Apr/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	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
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	Chandrapur Unit 5	500	10/04/2018	10.37		Continued.	Air heater problem	
MSPGCL	Koradi Unit-8	660	15/04/2018	04.15	19/04/2018	11.41	PA Fan problem	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem	
MSPGCL	Bhusawal Unit 3	210	18/04/2018	10.51	19/04/2018	04.30	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 20/Apr/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 II	InterState	18/04/2018	18.36		Continued.	HT	Over Voltage
Chandrapur Bhadravati III	InterState	19/04/2018	13.19	19/04/2018	14.02	PO	D T Received At Chandrapur.
Bhusawal-Aurangabad	IntraState	18/04/2018	21.14	19/04/2018	05.57	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	19/04/2018	06.30	19/04/2018	10.56	PO	Routine Maintenance Work
Ektuni-Bableshtar ckt I	IntraState	19/04/2018	08.41	19/04/2018	19.30	PO	Faulty Disk Replacement Work.
Khadka-Aurangabad (Waluj)	IntraState	19/04/2018	20.06	20/04/2018	06.13	HT	Over Voltage
Khadka- Deepnagar Ckt 2	IntraState	20/04/2018	06.19		Continued.	PO	Line Maintenance work
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 KV 500MVA ICT II @ Nanded	IntraState	19/04/2018	07.22	19/04/2018	13.44	PO	Diagnostic Testing 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.
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.
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00	19/04/2018	16.04	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25	19/04/2018	16.27	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Trombay - Mulund	IntraState	19/04/2018	05.26	19/04/2018	10.02	PO	Line Maintenance work
Phursungi-Serum	IntraState	19/04/2018	08.35	19/04/2018	17.28	PO	Damage String Replacement Work.
Butibori - Khaperkheda	IntraState	19/04/2018	09.07	19/04/2018	18.12	PO	Measurement Of CB Timing And CRM.
Sawantwadi-Bidri	IntraState	19/04/2018	09.30	19/04/2018	17.30	PO	Faulty Disk Replacement Work.
Lonikand-VSNL	IntraState	19/04/2018	10.25	19/04/2018	14.05	PO	Routine Maintenance Work
Badnera-Akola I	IntraState	19/04/2018	10.46	19/04/2018	13.55	PO	Providing Earthwire Between Tower LOC. NO.01 Of Akola Anjangaon & LOC. NO.01 Of Akola-Badnera Line-1.
Mahad - Pedambe	IntraState	19/04/2018	11.15	19/04/2018	15.25	PO	Line Signature Test.
Pusad - Hingoli	IntraState	19/04/2018	11.33	19/04/2018	13.33	EO	Attending Hot Spot
Abhijeet-Wardha-Ii	IntraState	19/04/2018	12.07	19/04/2018	15.17	PO	Replacement Of B-PH LA.
Ranjangaon-Fiat 2	IntraState	19/04/2018	12.50	19/04/2018	16.05	PO	Routine Maintenance Work
Osmanabad - Solapur (Bale)	IntraState	19/04/2018	12.54	19/04/2018	14.58	PO	Measurement Of TAN Delta Of CT.
Osmanabad - Barshi	IntraState	19/04/2018	15.15	19/04/2018	17.57	PO	Measurement Of TAN Delta Of CT.
Vita - Miraj	IntraState	19/04/2018	16.33	19/04/2018	19.52	PO	Disc Insulator Replacement Work
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(repairs 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)
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	18/04/2018	17.34		Continued.	HT	Buchholz Alarm

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 19/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 20/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV 150MVA ICT I @ Boisar	IntraState	18/04/2018	21.52	19/04/2018	00.14	PO	Attending Oil Leakage
220/132KV 200MVA ICT-II @ Miraj	IntraState	19/04/2018	09.35	19/04/2018	16.11	PO	LV CB Overhalling Work.
132 KV LINE Outages/Trippings							
Naldurg - Ujani	IntraState	15/04/2018	15.57		Continued.	T	system requirement.
Pachora-TSS ckt-I	IntraState	18/04/2018	19.38	19/04/2018	04.20	T	132KV TSS CKT-I CT Burst at pachora end