

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Apr/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.712	2034.822	1) Gujrat	0.259	13.902
2) Hydro	15.514	258.662	2) Madhya Pradesh	14.295	220.847
3) Gas	5.376	89.882	3) Chattisgarh	3.530	59.260
Total MSPGCL	173.602	2383.366	4) Maharashtra	114.683	1655.315
B) 1) APML	64.740	1012.286	5) Goa (Amona)	-0.572	-6.930
2) JSWEL	23.639	330.839	Total	132.195	1942.394
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.126	396.999
4) RPL(AMT)	15.816	175.281	b) Mumbai Drawl	28.276	420.013
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.271	219.282
6) Other IPP	10.968	187.580	Include PX	-3.710	-91.645
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.126	396.999
C) 1) TPCL Thermal	14.063	207.066	Include PX	16.524	276.323
2) TPCL Hydro	0.840	49.536	Standby	0.000	0.000
3) TPCL Gas	4.375	58.235	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.072	147.364	1) MSEDCL	410.717	5947.221
D) STATE			2) Mumbai Discoms	57.623	882.220
1) Thermal	292.010	4095.238	TOTAL STATE	468.340	6829.441
(A1+C1+C4+(B1-B6))					
2) Hydro	16.354	308.198			
(A2+C2)					
3) Gas	9.751	148.117			
(A3+B7+C3)					
4) Wind	11.400	237.252			
6) SOLAR	6.633	98.236			
TOTAL STATE	336.148	4887.041			

* 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 23 Hrs
MSPGCL Thermal	6561	6579	5939	5801
MSPGCL Hydro	736	922	671	1130
MSPGCL Gas	278	269	285	287
MSPGCL Total Generation	7575	7770	6895	7218
Central Sector Receipt	6046	6064	5046	4751
WIND	201	297	797	800
CPP / IPP Thermal	4843	5376	4744	4779
CPP / IPP Gas	0	0	0	0
SOLAR	936	533	0	0
Exchange with Mumbai	-1217	-1380	-1343	-1564
MSEDCL DEMAND MET	18384	18660	16139	15984
Load Shedding	0	0	0	0
MSEDCL DEMAND	18384	18660	16139	15984
TPCL GENERATION	812	754	805	744
AEML GENERATION	429	376	376	374
MUMBAI DEMAND	2458	2510	2524	2682
STATE DEMAND MET	20842	21170	18663	18666
STATE DEMAND	20842	21170	18663	18666
Frequency (Hz)	49.96	49.98	49.92	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.02 Hrs	49.77 Hz at 19.14 Hrs	50	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 14/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.83	55.16	180	135
Unit 7	0.00	0.00	0	0
Unit 8	9.22	122.52	430	318
Unit 9	9.86	10.98	550	292
Unit 10	10.69	143.47	501	350
Total	33.60	332.13		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.28	128.79	500	350
Unit 5	10.25	153.74	500	350
Total	20.54	282.52		
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	5.14	74.26	248	178
Total	5.14	74.26		
Chandrapur				
Unit 3	4.43	59.36	194	163
Unit 4	4.26	60.82	184	160
Unit 5	9.51	138.35	415	365
Unit 6	0.00	0.00	0	0
Unit 7	10.26	147.29	452	378
Unit 8	10.77	147.77	480	374
Unit 9	10.70	153.35	475	370
Total	49.92	706.94		
Paras				
Unit 3	5.98	81.15	254	216
Unit 4	5.40	80.55	250	203
Total	11.38	161.70		
Khaparkheda				
Unit 1	4.10	50.84	185	150
Unit 2	3.80	41.18	175	140
Unit 3	4.00	54.23	185	129
Unit 4	4.21	58.95	185	160
Unit 5	10.32	151.73	460	380
Total	26.44	356.92		
Nasik				
Unit 3	4.38	8.46	200	162
Unit 4	0.00	53.21	0	0
Unit 5	1.32	58.67	195	0
Total	5.70	120.34		
Uran				
All Units	5.38	89.88	287	148
Total	5.38	89.88		
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)	0.13	1.73	18	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	1.73		
Koyna				
Stage 1-2	6.35	81.08	510	40
Stage 4	3.70	92.64	710	0
Stage 3	2.14	37.88	186	0
Total	12.19	211.61		
Hydro				
KDPH	0.86	12.04	36	36
VTRNA	1.03	13.55	61	0
TILLARI	0.72	6.37	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	2.73	40	0
RNGR+BHTSA	0.28	3.96	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	5.37	14	14
GHATGHAR	0.00	2.41	0	0
Total	3.32	47.05		
Wind				
Total	11.40	237.25	0	0
Total	11.40	237.25		
CPP				
APML(Mus)	64.74	1012.29	0	0
JSWEL(Mus)	23.64	330.84	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	15.82	175.28	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	10.97	187.58	0	0
Total	115.16	1705.99		
SOLAR				
Total	6.63	98.24	0	0
Total	6.63	98.24		
Tata				
Trombay 5	9.01	134.63	470	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	36.79	116	114
Trombay 7B	1.60	21.45	67	66
Trombay 8	5.06	72.44	237	200
TATA Hydro	0.84	49.54	128	6
Total	19.28	314.84		
AEML				
DTPS U-1&2	10.07	147.36	500	374
Total	10.07	147.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.71	2034.82	MSPGCL Total	173.60	2383.37
			MSPGCL Thml+Gas	158.09	2124.70	Koyna 1,2 & 4 Total	10.05	173.73
			MSPGCL Hydro	15.51	258.66	State Total	336.15	4887.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Apr/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	6603	1307	148	8058	492	4924	0	0	5366	5149	-1516	17107	0	17107	2682	19789	50.03
2	6719	659	150	7528	613	4907	0	0	5377	5135	-1125	17058	0	17058	2498	19556	50.06
3	6520	268	149	6937	712	4535	0	0	5574	5397	-1001	16580	0	16580	2399	18979	50.02
4	6395	541	150	7086	515	4309	0	0	5632	5476	-818	16568	0	16568	2198	18766	50.02
5	6451	571	151	7173	315	4036	0	0	5890	5844	-747	16621	0	16621	2127	18748	50.00
6	6694	731	151	7576	346	4710	0	0	5657	5704	-711	17625	0	17625	2097	19722	50.02
7	6994	626	152	7772	282	4977	0	24	5809	5482	-687	17850	0	17850	2076	19926	50.05
8	6776	204	152	7132	252	4801	0	201	5983	5624	-755	17255	0	17255	2107	19362	50.05
9	6486	237	157	6880	232	4659	0	469	6038	5873	-942	17171	0	17171	2117	19288	50.04
10	6196	793	169	7158	218	4568	0	704	6101	6056	-1134	17570	0	17570	2213	19783	50.00
11	6483	613	198	7294	194	4631	0	875	6153	6190	-1251	17933	0	17933	2355	20288	50.02
12	6561	736	278	7575	201	4843	0	936	6180	6046	-1217	18384	0	18384	2458	20842	49.96
13	6588	418	280	7286	202	5018	0	945	6171	6085	-1083	18453	0	18453	2489	20942	50.01
14	6574	325	268	7167	163	5097	0	859	6134	6043	-1267	18062	0	18062	2473	20535	49.99
15	6556	819	278	7653	185	5171	0	691	6131	6148	-1385	18463	0	18463	2493	20956	49.94
16	6579	922	269	7770	297	5376	0	533	6149	6064	-1380	18660	0	18660	2510	21170	49.98
17	6645	363	280	7288	721	5331	0	299	5984	5510	-1354	17795	0	17795	2464	20259	50.02
18	5999	232	283	6514	718	4845	0	89	5846	5394	-1272	16288	0	16288	2396	18684	50.05
19	5762	476	283	6521	782	4529	0	8	5221	5185	-1299	15726	0	15726	2377	18103	49.99
20	5939	671	285	6895	797	4744	0	0	5191	5046	-1343	16139	0	16139	2524	18663	49.92
21	5860	492	286	6638	760	4801	0	0	4665	4666	-1346	15519	0	15519	2537	18056	49.99
22	5808	957	286	7051	851	4779	0	0	4463	4430	-1404	15707	0	15707	2604	18311	49.98
23	5801	1130	287	7218	800	4779	0	0	4588	4751	-1564	15984	0	15984	2682	18666	49.94
24	5723	1423	286	7432	752	4793	0	0	4868	4897	-1675	16199	0	16199	2750	18949	49.96
MUs	152.71	15.51	5.38	173.60	11.40	115.16	0.00	6.63	135.17	132.20	-28.28	410.72	0.00	410.72	57.63	468.34	50.00

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 14/Apr/2019

Position as on 6.30 Hrs of 15/Apr/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	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero 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	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
IPP	Adani U-2	660	11/04/2019	11.08	14/04/2019	11.16	Boiler stop valve bonnet leakage	
MSPGCL	Nasik Unit 4	210	12/04/2019	21.35		Continued.	R PHASE CT CUBICAL BURST	
MSPGCL	Uran Unit 5	108	13/04/2019	14.14	14/04/2019	08.39	BOILER PROTECTION MODULE CHECKING.	
MSPGCL	Nasik Unit 5	210	14/04/2019	07.25		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	14/04/2019	20.27	15/04/2019	02.39	EO	Y Phase Valve Oil Leakage Inspection in Valve Hall
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	10/04/2019	17.54		Continued.	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	13/04/2019	18.43	14/04/2019	09.27	T	Distance Protection
Dabhol Nagothane II	InterState	13/04/2019	19.36	14/04/2019	10.35	T	Distance Protection
Dabhol Nagothane I	InterState	13/04/2019	22.50	14/04/2019	01.28	T	BUS BAR OPERATED.
Bhusawal-Aurangabad	IntraState	12/04/2019	18.00		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	13/04/2019	22.50	14/04/2019	02.26	T	BUS BAR OPERATED.
Padghe - Nagothane - II	IntraState	13/04/2019	22.50	14/04/2019	00.26	T	BUS BAR OPERATED.
Padghe - Kalwa-II	IntraState	14/04/2019	10.16	14/04/2019	13.44	EO	To Attend Hot Spot R PH CT Clamp & B PH Bus 2 Isolator Clamp.
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.
400/220kv 315 Mva ICT I @Karad	IntraState	13/04/2019	09.42		Continued.	PO	oltc overhauling work.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	13/04/2019	12.47		Continued.	PO	COMPLETE OIL FILTRATION.
400/220KV 500MVA ICT-II@Taptitanda	IntraState	13/04/2019	21.16	14/04/2019	01.34	T	EARTH FAULT PROTECTION.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	13/04/2019	22.50	14/04/2019	01.59	T	BUS BAR OPERATED.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	13/04/2019	22.50	14/04/2019	02.07	T	BUS BAR OPERATED.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	13/04/2019	22.50	14/04/2019	05.56	T	BUS BAR OPERATED.
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	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.
New Koyna - Loteparshuram	IntraState	13/04/2019	22.50	14/04/2019	02.51	T	TRIPPED ON OVER CURRENT BACKUP PROTECTION.
New Koyna - Pophali-II	IntraState	13/04/2019	22.54	14/04/2019	02.54	T	TRIPPED ON OVER CURRENT BACKUP PROTECTION.
New Koyna - Pedambe	IntraState	13/04/2019	22.54	14/04/2019	02.58	T	TRIPPED ON OVER CURRENT BACKUP PROTECTION.
Bhugaon- Wardha	IntraState	14/04/2019	01.23	14/04/2019	02.21	T	LBB of 220KV Bus Section 2 operated
Wardha - Wardharytss1	IntraState	14/04/2019	01.23	14/04/2019	02.25	T	LBB of 220KV Bus Section 2 operated
Abhijeet-Wardha-II	IntraState	14/04/2019	01.23	14/04/2019	02.37	T	LBB of 220KV Bus Section 2 operated
Warora - Wardha	IntraState	14/04/2019	01.23	14/04/2019	02.35	T	LBB of 220KV Bus Section 2

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 14/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							operated
Wardha - Wardha Rly Tss 2	IntraState	14/04/2019	01.23	14/04/2019	02.39	T	LBB of 220KV Bus Section 2 operated
Salsette - Sahara	IntraState	14/04/2019	06.17	14/04/2019	15.00	PO	Insulator cleaning.
Dondaicha(220)-Amalner(220)	IntraState	14/04/2019	06.53	14/04/2019	10.32	PO	Testing Work
Trombay Carnac 6	IntraState	14/04/2019	10.46	14/04/2019	20.53	PO	Routine Maintenance Work & Tree Trimming.
Nanded-Ghatodi	IntraState	14/04/2019	12.25	14/04/2019	16.00	PO	Replacement of Broken Disc
Centuri Enka- Bhosari	IntraState	14/04/2019	13.04	14/04/2019	14.48	EO	Problem in Air Compressor of CB
Walchandnagar-Bhigwan	IntraState	14/04/2019	17.08	14/04/2019	17.27	T	Distance Protection Zone 1
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	05/04/2019	10.03		Continued.	PO	Quarterly Maintainance Work
220/22 Kv 50 Mva Cgl Ptr 3 @Nalasopara	IntraState	14/04/2019	05.40	14/04/2019	08.55	EO	To attend Hot Spot On R & B PH LV Bushing.
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	14/04/2019	09.53		Continued.	PO	Replacement of HV CB due to Air leakage problem
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.
Solapur II(Bale)-Naldurg	IntraState	13/04/2019	20.36	14/04/2019	02.50	T	Distance Protection

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