

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Apr/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.046	2761.295	1) Gujrat	-0.213	20.656
2) Hydro	21.467	369.118	2) Madhya Pradesh	15.844	305.986
3) Gas	6.867	124.423	3) Chattisgarh	4.230	78.830
Total MSPGCL	179.380	3254.836	4) Maharashtra	127.542	2279.625
B) 1) APML	46.743	1297.476	5) Goa (Amona)	-0.418	-9.526
2) JSWEL	22.291	443.296	Total	146.985	2675.571
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.157	553.851
4) RPL(AMT)	20.870	249.092	b) Mumbai Drawl	33.065	593.674
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.923	318.066
6) Other IPP	10.704	243.415	Include PX	-1.509	-101.960
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.157	553.851
C) 1) TPCL Thermal	12.693	270.624	Include PX	20.529	391.558
2) TPCL Hydro	2.245	70.163	Standby	0.000	0.000
3) TPCL Gas	4.371	79.744	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.199	192.340	1) MSEDCL	416.216	8015.406
D) STATE			2) Mumbai Discoms	61.575	1206.552
1) Thermal	273.546	5457.538	TOTAL STATE	477.791	9221.958
(A1+C1+C4+(B1-B6))					
2) Hydro	23.712	439.281			
(A2+C2)					
3) Gas	11.238	204.167			
(A3+B7+C3)					
4) Wind	14.525	313.271			
6) SOLAR	7.783	132.123			
TOTAL STATE	330.804	6546.380			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6421	6419	5942	6287
MSPGCL Hydro	1144	1257	1312	459
MSPGCL Gas	279	267	285	292
MSPGCL Total Generation	7844	7943	7539	7038
Central Sector Receipt	6625	6448	5808	5923
WIND	179	325	967	523
CPP / IPP Thermal	4127	4178	4339	4222
CPP / IPP Gas	0	0	0	0
SOLAR	1003	993	0	0
Exchange with Mumbai	-1687	-1705	-1559	-1008
MSEDCL DEMAND MET	18091	18182	17094	16698
Load Shedding	0	0	0	0
MSEDCL DEMAND	18091	18182	17094	16698
TPCL GENERATION	891	885	849	693
AEML GENERATION	373	371	373	375
MUMBAI DEMAND	2951	2961	2781	2076
STATE DEMAND MET	21042	21143	19875	18774
STATE DEMAND	21042	21143	19875	18774
Frequency (Hz)	50.03	50.04	50.00	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 10.00 Hrs	49.78 Hz at 16.56 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 19/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.60	75.24	224	155
Unit 7	0.00	0.00	0	0
Unit 8	0.00	143.82	0	0
Unit 9	11.00	56.58	500	435
Unit 10	10.88	187.38	609	350
Total	26.49	463.02		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.87	181.36	505	355
Unit 5	10.86	206.14	510	350
Total	21.73	387.50		
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	5.20	96.40	246	190
Total	5.20	96.40		
Chandrapur				
Unit 3	4.48	81.83	196	163
Unit 4	4.13	80.95	179	162
Unit 5	9.66	186.45	425	365
Unit 6	0.00	0.00	0	0
Unit 7	10.07	198.06	453	365
Unit 8	11.24	202.56	480	455
Unit 9	11.11	206.73	475	430
Total	50.70	956.57		
Paras				
Unit 3	6.12	111.21	259	250
Unit 4	5.28	107.50	244	174
Total	11.40	218.71		
Khaparkheda				
Unit 1	4.29	72.00	195	145
Unit 2	3.79	60.06	165	130
Unit 3	4.26	65.73	183	150
Unit 4	4.41	80.46	190	160
Unit 5	11.48	205.83	500	460
Total	28.24	484.08		
Nasik				
Unit 3	1.93	26.10	161	0
Unit 4	3.43	56.63	191	0
Unit 5	1.94	72.28	168	0
Total	7.30	155.02		
Uran				
All Units	6.87	124.42	304	267
Total	6.87	124.42		
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)	0.04	2.05	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	2.05		
Koyna				
Stage 1-2	6.10	110.22	490	40
Stage 4	9.50	141.98	815	0
Stage 3	3.37	55.32	240	0
Total	18.96	307.52		
Hydro				
KDPH	0.86	16.36	36	36
VTRNA	0.89	18.20	61	0
TILLARI	0.00	7.50	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	3.60	40	0
RNGR+BHTSA	0.26	5.32	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	7.36	15	14
GHATGHAR	0.00	2.64	0	0
Total	2.50	61.60		
Wind				
Total	14.52	313.27	0	0
Total	14.52	313.27		
CPP				
APML(Mus)	46.74	1297.48	0	0
JSWEL(Mus)	22.29	443.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	20.87	249.09	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	10.70	243.42	0	0
Total	100.61	2233.28		
SOLAR				
Total	7.78	132.12	0	0
Total	7.78	132.12		
Tata				
Trombay 5	7.83	173.79	452	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	50.44	117	115
Trombay 7B	1.59	29.30	67	65
Trombay 8	4.86	96.83	229	199
TATA Hydro	2.24	70.16	210	0
Total	19.31	420.53		
AEML				
DTPS U-1&2	9.20	192.34	501	370
Total	9.20	192.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.05	2761.30	MSPGCL Total	179.38	3254.84
			MSPGCL Thml+Gas	157.91	2885.72	Koyna 1,2 & 4 Total	15.60	252.20
			MSPGCL Hydro	21.47	369.12	State Total	330.80	6546.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	6216	1236	290	7742	482	4191	0	0	6414	6349	-1461	17303	0	17303	2530	19833	49.99
2	6214	1113	289	7616	423	4196	0	0	6266	6009	-1275	16969	0	16969	2343	19312	50.00
3	6280	870	302	7452	533	4227	0	0	6139	6054	-1110	17156	0	17156	2180	19336	50.01
4	6287	459	292	7038	523	4222	0	0	6061	5923	-1008	16698	0	16698	2076	18774	50.03
5	6399	450	292	7141	617	4232	0	0	6008	5906	-943	16953	0	16953	2011	18964	49.99
6	6445	1121	304	7870	482	4233	0	0	6035	6160	-930	17815	0	17815	2051	19866	49.98
7	6661	1216	295	8172	461	4344	0	28	6291	6080	-719	18366	0	18366	2068	20434	49.99
8	6683	452	294	7429	461	4192	0	244	6261	6311	-819	17818	0	17818	2143	19961	50.04
9	6712	432	289	7433	383	3995	0	558	6385	6373	-1209	17533	0	17533	2326	19859	50.03
10	6606	503	285	7394	346	3992	0	783	6550	6497	-1395	17617	0	17617	2593	20210	49.99
11	6400	821	282	7503	225	4048	0	936	6690	6709	-1582	17839	0	17839	2822	20661	50.03
12	6421	1144	279	7844	179	4127	0	1003	6674	6625	-1687	18091	0	18091	2951	21042	50.03
13	6419	1257	267	7943	325	4178	0	993	6542	6448	-1705	18182	0	18182	2961	21143	50.04
14	6472	696	277	7445	596	4194	0	968	6461	6325	-1610	17918	0	17918	2829	20747	50.03
15	6454	696	278	7428	739	4185	0	889	6493	6277	-1660	17858	0	17858	2914	20772	50.01
16	6124	828	268	7220	801	4103	0	702	6409	6615	-1670	17771	0	17771	2932	20703	50.02
17	6016	1189	278	7483	853	4125	0	471	6212	6315	-1626	17621	0	17621	2896	20517	49.95
18	6016	968	280	7264	945	4127	0	194	6183	5996	-1551	16975	0	16975	2831	19806	49.94
19	5965	192	273	6430	895	4131	0	14	6265	6091	-1514	16047	0	16047	2738	18785	49.97
20	5942	1312	285	7539	967	4339	0	0	5570	5808	-1559	17094	0	17094	2781	19875	50.00
21	5917	906	298	7121	891	4285	0	0	5744	5554	-1549	16302	0	16302	2734	19036	50.03
22	5961	1278	288	7527	792	4189	0	0	5577	5537	-1469	16576	0	16576	2613	19189	49.96
23	6070	1591	291	7952	796	4352	0	0	5482	5631	-1506	17225	0	17225	2631	19856	49.92
24	6366	737	291	7394	810	4401	0	0	5405	5393	-1508	16490	0	16490	2619	19109	49.98
MUs	151.05	21.47	6.87	179.38	14.53	100.61	0.00	7.78	148.12	146.99	-33.07	416.22	0.00	416.22	61.57	477.79	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 19/Apr/2019

Position as on 6.30 Hrs of 20/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 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		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	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Nasik Unit 4	210	12/04/2019	21.35	19/04/2019	02.29	R PHASE Boiler Tube CUBAICAL BURST	
IPP	Adani U-4	660	17/04/2019	00.16		Continued.	APH-A hot PA Bellow leakage	
MSPGCL	Koradi Unit-8	660	17/04/2019	16.55		Continued.	Less coal receipt & suspected boiler water wall tube leakage.	
IPP	Dhariwal	300	18/04/2019	00.15	19/04/2019	09.50	Problem in Economizer ash Evacuation.	
IPP	Adani U-5	660	18/04/2019	00.22		Continued.	Drain line leakage.	
MSPGCL	Nasik Unit 5	210	18/04/2019	22:05	19/04/2019	11.35	Station T/F Tripped.	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 20/Apr/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	10/04/2019	17.54		Continued.	HT	Over Voltage
Chandrapur II - Dhariwal -I	InterState	19/04/2019	16.53	19/04/2019	20.01	EO	R-PH CT Of Protection Core Showing Less Current.
Jaigad-New Koyna Ckt-I	IntraState	18/04/2019	09.44	19/04/2019	21.49	PO	Retro Fitting Work.
Khadka-Aurangabad (Waluj)	IntraState	18/04/2019	18.11	19/04/2019	06.28	HT	Over Voltage
Deepnagar Taptitanda	IntraState	19/04/2019	06.35	19/04/2019	18.00	PO	Replacement Of Conductor.
Kala Kudus Ckt-I	IntraState	19/04/2019	08.29	19/04/2019	21.01	PO	Routine Maintenance Work
Kala Kudus Ckt-II	IntraState	19/04/2019	08.29	19/04/2019	21.03	PO	Routine Maintenance Work
Chandrapur-II - Nanded ckt II	IntraState	19/04/2019	11.12	19/04/2019	19.32	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	19/04/2019	18.04	20/04/2019	06.28	HT	Over Voltage
Deepnagar Taptitanda	IntraState	20/04/2019	06.30		Continued.	PO	Replacement Of Conductor.
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.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	19/04/2019	14.50	19/04/2019	17.37	EO	Attending Hot Spot On R=PH 220Kv CT Stud Clamp.
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.
Khadka-Chalisgaon-2	IntraState	19/04/2019	07.00	19/04/2019	11.58	PO	Replacement Of Conductor Of 400Kv Deepnagar-Taptitanda.
Deepnagar Khadaka 2	IntraState	19/04/2019	07.14	19/04/2019	12.09	PO	Replacement Of Conductor Of 400Kv Deepnagar-Taptitanda.
Solapur(Bale) - Tuljapur	IntraState	19/04/2019	07.20		Continued.	PO	Erection Of Line Tower At Loc.No.36B & Resrtring Work After Erection.Line Converted In 220Kv Osmanabad-Tuljapur.(Charged At 15.31)
Osmanabad - Solapur (Bale)	IntraState	19/04/2019	07.22		Continued.	PO	Erection Of Line Tower At Loc.No.36B & Restrtring Work After Erection.Line Converted In 220Kv Osmanabad-Tuljapur.(Charged At 15.31)
Pophali - Nerale	IntraState	19/04/2019	08.15	19/04/2019	19.10	PO	Replacement of Conductor At Loc No.46 & 33.
Kandalgaon - Sona Alloys	IntraState	19/04/2019	08.28	19/04/2019	19.52	PO	Cold Line Cleaning Of Insulators.
Kalwa-TIFIL	IntraState	19/04/2019	08.40	19/04/2019	16.40	PO	Testing Work & Routine Maintenance Work.
Kandalgaon-POSCO	IntraState	19/04/2019	11.30	19/04/2019	15.50	EO	Nut Bolt Replacement & Maint Work.
Shivajinagar - Malegaon	IntraState	19/04/2019	13.07	19/04/2019	13.27	T	Distance Protection,Z-1,B-PH, 24.43KM.

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/2019

Statement-VII

Position as on 6.30 Hrs of 20/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Dasturi-Kandalgaon Line	IntraState	19/04/2019	15.58	19/04/2019	19.28	PO	Work In Vicinity, Safety Permit For Working On Kandalgaon-Sona alloy Line.
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
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.

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