

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Apr/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.827	2179.649	1) Gujrat	3.187	17.089
2) Hydro	21.328	279.990	2) Madhya Pradesh	15.206	236.053
3) Gas	6.866	96.748	3) Chattisgarh	3.310	62.570
Total MSPGCL	173.021	2556.387	4) Maharashtra	120.256	1775.571
B) 1) APLM	69.801	1082.087	5) Goa (Amona)	-0.638	-7.568
2) JSWEL	22.335	353.174	Total	141.321	2083.715
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.919	427.919
4) RPL(AMT)	14.282	189.563	b) Mumbai Drawl	36.756	456.769
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.247	238.529
6) Other IPP	12.553	200.133	Include PX	-1.210	-92.855
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.919	427.919
C) 1) TPCL Thermal	12.189	219.255	Include PX	22.197	298.520
2) TPCL Hydro	4.710	54.246	Standby	0.000	0.000
3) TPCL Gas	4.178	62.413	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.256	157.620	1) MSEDCL	415.668	6362.889
D) STATE			2) Mumbai Discoms	68.088	950.308
1) Thermal	286.243	4381.481	TOTAL STATE	483.756	7313.197
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	26.038	334.236			
3) Gas (A3+B7+C3)	11.044	159.161			
4) Wind	13.876	251.128			
6) SOLAR	5.235	103.471			
TOTAL STATE	342.436	5229.477			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6306	6496	5729	5568
MSPGCL Hydro	1093	1276	214	915
MSPGCL Gas	281	284	287	289
MSPGCL Total Generation	7680	8056	6230	6772
Central Sector Receipt	6526	6868	5839	5310
WIND	202	446	1254	562
CPP / IPP Thermal	5450	5337	4846	4534
CPP / IPP Gas	0	0	0	0
SOLAR	713	584	15	0
Exchange with Mumbai	-1783	-1827	-1554	-1186
MSEDCL DEMAND MET	18788	19464	16630	15992
Load Shedding	0	0	0	0
MSEDCL DEMAND	18788	19464	16630	15992
TPCL GENERATION	1092	1110	995	629
AEML GENERATION	481	422	501	374
MUMBAI DEMAND	3356	3359	3050	2189
STATE DEMAND MET	22144	22823	19680	18181
STATE DEMAND	22144	22823	19680	18181
Frequency (Hz)	50.03	49.98	50.05	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 22:00 Hrs	49.82 Hz at 05:59 Hrs	50.01	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 15/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.79	58.95	180	140
Unit 7	0.00	0.00	0	0
Unit 8	8.70	131.23	422	347
Unit 9	8.68	19.66	458	300
Unit 10	9.11	152.58	481	325
Total	30.29	362.42		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.49	138.28	505	350
Unit 5	9.51	163.24	500	350
Total	19.00	301.52		
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	3.92	78.19	202	0
Total	3.92	78.19		
Chandrapur				
Unit 3	4.40	63.75	196	163
Unit 4	4.28	65.10	190	165
Unit 5	9.40	147.75	415	355
Unit 6	0.00	0.00	0	0
Unit 7	10.06	157.35	451	374
Unit 8	10.64	158.42	479	365
Unit 9	10.57	163.92	480	360
Total	49.34	756.29		
Paras				
Unit 3	6.04	87.19	258	210
Unit 4	5.38	85.93	240	205
Total	11.42	173.12		
Khaparkheda				
Unit 1	4.02	54.86	185	150
Unit 2	3.98	45.15	170	160
Unit 3	4.17	58.40	190	160
Unit 4	4.22	63.17	190	160
Unit 5	10.60	162.33	480	385
Total	26.98	383.90		
Nasik				
Unit 3	3.87	12.33	170	158
Unit 4	0.00	53.21	0	0
Unit 5	0.00	58.67	0	0
Total	3.87	124.20		
Uran				
All Units	6.87	96.75	300	270
Total	6.87	96.75		
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)	0.10	1.82	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	1.82		
Koyna				
Stage 1-2	5.07	86.16	520	40
Stage 4	10.21	102.85	772	0
Stage 3	3.49	41.37	226	80
Total	18.77	230.38		
Hydro				
KDPH	0.86	12.90	36	36
VTRNA	0.43	13.97	60	0
TILLARI	0.60	6.97	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.07	2.80	40	0
RNGR+BHTSA	0.28	4.24	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	5.70	14	13
GHATGHAR	0.00	2.41	0	0
Total	2.56	49.61		
Wind				
Total	13.88	251.13	0	0
Total	13.88	251.13		
CPP				
APML(Mus)	69.80	1082.09	0	0
JSWEL(Mus)	22.34	353.17	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	14.28	189.56	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.55	200.13	0	0
Total	118.97	1824.96		
SOLAR				
Total	5.24	103.47	0	0
Total	5.24	103.47		
Tata				
Trombay 5	7.36	141.99	311	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	39.42	116	71
Trombay 7B	1.55	23.00	67	53
Trombay 8	4.82	77.26	203	198
TATA Hydro	4.71	54.25	419	0
Total	21.08	335.91		
AEML				
DTPS U-1&2	10.26	157.62	501	374
Total	10.26	157.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.83	2179.65	MSPGCL Total	173.02	2556.39
			MSPGCL Thml+Gas	151.69	2276.40	Koyna 1,2 & 4 Total	15.28	189.01
			MSPGCL Hydro	21.33	279.99	State Total	342.44	5229.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5580	1149	286	7015	975	4809	0	0	5534	5365	-1595	16569	0	16569	2654	19223	49.98
2	5579	1186	287	7052	731	4580	0	0	5567	5452	-1419	16396	0	16396	2479	18875	50.02
3	5576	1136	286	6998	720	4530	0	0	5430	5363	-1288	16323	0	16323	2312	18635	49.99
4	5568	915	289	6772	562	4534	0	0	5391	5310	-1186	15992	0	15992	2189	18181	50.03
5	5663	784	287	6734	626	4532	0	0	5399	5339	-1120	16111	0	16111	2125	18236	49.99
6	5902	746	300	6948	680	4544	0	0	5802	5386	-1096	16462	0	16462	2126	18588	49.94
7	6091	744	292	7127	674	4736	0	19	6068	6177	-1099	17634	0	17634	2167	19801	49.98
8	6055	575	290	6920	461	4742	0	149	6122	6301	-1228	17345	0	17345	2310	19655	50.04
9	5961	760	286	7007	396	4802	0	301	6283	6512	-1456	17562	0	17562	2614	20176	50.01
10	5951	1211	273	7435	421	4967	0	490	6435	6284	-1642	17955	0	17955	2965	20920	50.00
11	5946	833	279	7058	273	5031	0	642	6593	6565	-1778	17791	0	17791	3222	21013	49.98
12	6306	1093	281	7680	202	5450	0	713	6703	6526	-1783	18788	0	18788	3356	22144	50.03
13	6416	693	270	7379	200	5562	0	807	6719	6501	-1846	18603	0	18603	3368	21971	50.01
14	6418	836	281	7535	246	5399	0	789	6621	6703	-1773	18899	0	18899	3293	22192	50.03
15	6496	1276	284	8056	446	5337	0	584	6672	6868	-1827	19464	0	19464	3359	22823	49.98
16	6509	1531	283	8323	472	5318	0	424	6715	6652	-1850	19339	0	19339	3381	22720	49.95
17	6581	824	285	7690	813	5368	0	227	6558	6563	-1762	18899	0	18899	3328	22227	50.03
18	6362	328	286	6976	1020	5218	0	75	6488	5847	-1645	17491	0	17491	3213	20704	50.05
19	5729	214	287	6230	1254	4846	0	15	6024	5839	-1554	16630	0	16630	3050	19680	50.05
20	5805	575	288	6668	752	4846	0	0	5436	5472	-1565	16173	0	16173	3037	19210	50.01
21	6135	834	288	7257	748	4909	0	0	4832	4601	-1492	16023	0	16023	2894	18917	50.02
22	6122	734	298	7154	511	4922	0	0	4839	4891	-1586	15892	0	15892	2930	18822	50.03
23	6056	1162	290	7508	412	4926	0	0	5055	5255	-1607	16494	0	16494	2909	19403	50.02
24	6020	1189	290	7499	281	5063	0	0	5641	5549	-1559	16833	0	16833	2808	19641	50.00
MUs	144.83	21.33	6.87	173.02	13.88	118.97	0.00	5.23	142.93	141.32	-36.76	415.67	0.00	415.67	68.09	483.76	50.01

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 15/Apr/2019

Position as on 6.30 Hrs of 16/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	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	
MSPGCL	Nasik Unit 4	210	12/04/2019	21.35		Continued.	R PHASE CT CUBAICAL BURST	
MSPGCL	Nasik Unit 5	210	14/04/2019	07.25	16/04/2019	02.25	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	15/04/2019	07.30	15/04/2019	11.08	Due to failure of data processing unit supply.	
IPP	RPL(AMT) U-1	270	16/04/2019	00.00		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 3	210	16/04/2019	04.40		Continued.	Furnace Pressure High	
MSPGCL	Parli Unit 8	250	16/04/2019	05.51		Continued.	Turbine Tripped.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 16/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
Bhusawal-Aurangabad	IntraState	12/04/2019	18.00	16/04/2019	11.20	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	15/04/2019	13.14	15/04/2019	15.20	T	Lighting arrester jump broken.
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.
400/220 Kv 315 Mva Ict -2 @New Koyana	IntraState	15/04/2019	08.58	15/04/2019	18.45	PO	CTR maintenance work.
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	15/04/2019	11.29	15/04/2019	15.55	PO	Temp meter calibration.
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.
Dondaicha- Shahada	IntraState	15/04/2019	06.04	15/04/2019	09.22	PO	Daigonistic Testing Work of CT.
Apta - Tambati	IntraState	15/04/2019	08.45	15/04/2019	10.50	EO	Emergency tree cutting.
Khadka-Bhadli-2	IntraState	15/04/2019	09.00	15/04/2019	20.18	PO	Line Maintenance work
Kharepatan -Pawas Line	IntraState	15/04/2019	09.07	15/04/2019	19.35	PO	Tree cutting work.
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	15/04/2019	09.45	15/04/2019	11.31	T	B-PH CT clamp hotspot.
Nashik-Airoli Knowledge Park	IntraState	15/04/2019	10.02	15/04/2019	18.30	PO	Relay Testing Work.
Miraj - Mhaishal	IntraState	15/04/2019	10.10	15/04/2019	17.36	PO	Fixing of bird guards.
Mumewadi-Belewadi	IntraState	15/04/2019	10.18	15/04/2019	12.50	PO	Routine Maintenance Work
Hingoli- Girawali	IntraState	15/04/2019	11.30	15/04/2019	16.28	PO	Attending Hot Spot
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	16/04/2019	05.58	16/04/2019	06.25	T	Distance protection at Z-1, 5.9KA, 23.6KM.
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 Maintanance Work
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	14/04/2019	09.53	16/04/2019	00.03	PO	Replacement of HV CB due to Air leakage problem
220/33kv 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	15/04/2019	09.00	15/04/2019	19.01	PO	Annual Maintenance 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 15/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 16/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132-110/11kv 200MVA ICT 1 @Miraj	IntraState	15/04/2019	09.21	15/04/2019	12.15	PO	CT replacement 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.
Bableshtar - Sangamner	IntraState	15/04/2019	06.58	15/04/2019	10.05	T	Distance protection, Z-1, R-E, D- 4084 KM 80MW.

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