

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jun/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.291	505.270	1) Gujrat	-1.767	-4.944
2) Hydro	3.959	12.483	2) Madhya Pradesh	7.371	22.287
3) Gas	6.759	20.312	3) Chattisgarh	3.620	9.420
Total MSPGCL	175.009	538.065	4) Maharashtra	112.798	332.376
B) 1) APLM	66.003	213.033	5) Goa (Amona)	-0.418	-0.946
2) JSWEL	22.741	71.680	Total	121.604	358.193
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.661	89.187
4) RPL(AMT)	22.876	73.653	b) Mumbai Drawl	42.448	113.842
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.156	34.870
6) Other IPP	7.115	21.840	Include PX	-0.638	-4.935
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.661	89.187
C) 1) TPCL Thermal	12.134	38.981	Include PX	14.414	37.276
2) TPCL Hydro	3.662	6.812	Standby	0.000	0.000
3) TPCL Gas	4.213	12.893	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.276	28.386	1) MSEDCL	428.643	1289.619
D) STATE			2) Mumbai Discoms	71.733	200.915
1) Thermal	304.436	952.843	TOTAL STATE	500.376	1490.534
(A1+C1+C4+(B1-B6))					
2) Hydro	7.621	19.295			
(A2+C2)					
3) Gas	10.972	33.205			
(A3+B7+C3)					
4) Wind	49.171	107.696			
6) SOLAR	6.572	19.301			
TOTAL STATE	378.772	1132.340			

* 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 4 Hrs
MSPGCL Thermal	7128	7530	6441	6537
MSPGCL Hydro	156	137	136	147
MSPGCL Gas	280	270	284	276
MSPGCL Total Generation	7564	7937	6861	6960
Central Sector Receipt	5847	5815	4635	4317
WIND	1753	1567	2628	2430
CPP / IPP Thermal	4962	5539	4890	4722
CPP / IPP Gas	0	0	0	0
SOLAR	903	594	32	0
Exchange with Mumbai	-2004	-2097	-1782	-1426
MSEDCL DEMAND MET	19025	19355	17264	17003
Load Shedding	0	0	0	0
MSEDCL DEMAND	19025	19355	17264	17003
TPCL GENERATION	1027	1032	897	653
AEML GENERATION	375	428	426	375
MUMBAI DEMAND	3406	3557	3105	2454
STATE DEMAND MET	22431	22912	20369	19457
STATE DEMAND	22431	22912	20369	19457
Frequency (Hz)	50.05	50.03	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 17.04 Hrs	49.84 Hz at 14.23 Hrs	50.02	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 03/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.96	12.00	195	150
Unit 7	2.16	5.46	165	0
Unit 8	8.19	26.18	370	260
Unit 9	10.80	33.41	477	380
Unit 10	10.37	32.12	480	300
Total	35.48	109.17		
Bhusawal				
Unit 3	3.84	9.20	165	155
Unit 4	8.72	29.50	470	350
Unit 5	8.71	29.44	450	350
Total	21.28	68.12		
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	4.71	11.77	218	174
Total	4.71	11.77		
Chandrapur				
Unit 3	4.24	12.38	198	165
Unit 4	3.92	11.56	175	160
Unit 5	9.16	28.37	430	365
Unit 6	9.41	29.77	460	360
Unit 7	9.27	28.20	428	358
Unit 8	10.44	33.42	500	360
Unit 9	10.13	32.77	492	360
Total	56.56	176.47		
Paras				
Unit 3	5.49	17.34	258	192
Unit 4	5.42	17.21	255	200
Total	10.92	34.55		
Khaparkheda				
Unit 1	3.32	9.79	145	130
Unit 2	3.26	9.28	140	125
Unit 3	3.33	10.00	150	120
Unit 4	3.35	9.87	145	135
Unit 5	10.32	31.78	495	380
Total	23.59	70.71		
Nasik				
Unit 3	3.94	12.34	167	162
Unit 4	3.93	9.91	169	158
Unit 5	3.90	12.22	170	158
Total	11.77	34.48		
Uran				
All Units	6.76	20.31	298	270
Total	6.76	20.31		
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	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	1.34	3.64	205	40
Stage 4	0.00	0.00	0	0
Stage 3	0.30	0.83	80	0
Total	1.64	4.48		
Hydro				
KDPH	0.38	1.29	19	19
VTRNA	1.09	3.10	61	0
TILLARI	0.00	0.18	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	0.59	120	0
RNGR+BHTSA	0.22	0.66	10	9
BHANDARDRA	0.19	0.56	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	0.73	9	8
GHATGHAR	0.00	0.90	0	0
Total	2.32	8.01		
Wind				
Total	49.17	107.70	0	0
Total	49.17	107.70		
CPP				
APML(Mus)	66.00	213.03	0	0
JSWEL(Mus)	22.74	71.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	22.88	73.65	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.12	21.84	0	0
Total	118.74	380.21		
SOLAR				
Total	6.57	19.30	0	0
Total	6.57	19.30		
Tata				
Trombay 5	7.34	24.31	308	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	8.25	117	78
Trombay 7B	1.53	4.65	66	53
Trombay 8	4.79	14.67	201	198
TATA Hydro	3.66	6.81	345	0
Total	20.01	58.69		
AEML				
DTPS U-1&2	9.28	28.39	428	374
Total	9.28	28.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.29	505.27	MSPGCL Total	175.01	538.06
			MSPGCL Thml+Gas	171.05	525.58	Koyna 1,2 & 4 Total	1.34	3.64
			MSPGCL Hydro	3.96	12.48	State Total	378.77	1132.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Jun/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	6868	172	287	7327	2419	4855	0	0	5227	5018	-1781	17838	0	17838	2888	20726	50.04
2	6601	148	285	7034	2388	4833	0	0	4944	5033	-1619	17669	0	17669	2717	20386	50.04
3	6599	142	286	7027	2445	4839	0	0	4842	4505	-1511	17305	0	17305	2570	19875	50.05
4	6537	147	276	6960	2430	4722	0	0	4412	4317	-1426	17003	0	17003	2454	19457	50.00
5	6503	142	287	6932	2366	4695	0	0	4477	4502	-1396	17099	0	17099	2410	19509	50.03
6	6707	104	298	7109	2424	4860	0	0	4868	5052	-1420	18025	0	18025	2445	20470	50.06
7	6991	87	287	7365	2200	5029	0	43	4861	4818	-1339	18116	0	18116	2399	20515	50.07
8	6522	92	287	6901	2155	4796	0	182	4818	4735	-1437	17332	0	17332	2500	19832	50.06
9	6548	87	273	6908	2290	4743	0	394	4852	4993	-1658	17670	0	17670	2758	20428	50.03
10	6495	115	283	6893	1893	4657	0	658	5238	5379	-1917	17563	0	17563	3067	20630	50.00
11	7032	110	283	7425	1778	4832	0	719	5572	5467	-2005	18216	0	18216	3308	21524	50.05
12	7128	156	280	7564	1753	4962	0	903	5891	5847	-2004	19025	0	19025	3406	22431	50.05
13	6805	146	270	7221	1806	4894	0	926	5887	5768	-2082	18533	0	18533	3405	21938	49.97
14	7058	301	279	7638	1567	4964	0	826	5594	5890	-2012	18873	0	18873	3384	22257	49.95
15	7461	156	279	7896	1517	5406	0	764	5939	5737	-2128	19192	0	19192	3522	22714	49.98
16	7530	137	270	7937	1567	5539	0	594	6367	5815	-2097	19355	0	19355	3557	22912	50.03
17	7010	136	280	7426	2291	5433	0	375	5907	5233	-2077	18681	0	18681	3498	22179	50.04
18	6508	141	272	6921	2660	5087	0	156	5567	4972	-1926	17870	0	17870	3327	21197	50.05
19	6441	136	284	6861	2628	4890	0	32	5195	4635	-1782	17264	0	17264	3105	20369	50.04
20	6672	180	283	7135	2352	4679	0	0	4775	4214	-1665	16715	0	16715	3037	19752	50.01
21	7124	276	274	7674	1804	4779	0	0	4548	4561	-1673	17145	0	17145	2972	20117	50.00
22	7031	394	286	7711	1652	4750	0	0	4569	4769	-1699	17183	0	17183	2934	20117	49.98
23	7115	317	285	7717	1337	5110	0	0	4993	5173	-1867	17470	0	17470	3007	20477	49.99
24	7005	137	285	7427	1449	5381	0	0	5379	5171	-1927	17501	0	17501	3063	20564	50.03
MUs	164.29	3.96	6.76	175.01	49.17	118.74	0.00	6.57	124.72	121.60	-42.45	428.64	0.00	428.64	71.73	500.38	50.02

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 03/Jun/2019

Position as on 6.30 Hrs of 04/Jun/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.	
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.	
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	Uran Unit 8	108	20/05/2019	16.01		Continued.	Gas shortage	
MSPGCL	Koradi Unit 7	210	03/06/2019	16.55	04/06/2019	01.05	Coal Mill Tripped	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 9	500	04/06/2019	17.07	04/06/2019	21.19	GTR Y Phase PRV Operated	
MSPGCL	Bhusawal Unit 3	210	04/06/2019	20.15		Continued.	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 04/Jun/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 II	InterState	28/05/2019	17.57	03/06/2019	11.10	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/06/2019	11.17	04/06/2019	09.04	PO	Maintenance Work
Boisar (PG)- Aurangabad (PG)-I	InterState	04/06/2019	11.58		Continued.	HT	Load Management.
Wardha (Pg) Warora I	InterState	04/06/2019	16.54	04/06/2019	19.20	T	Zone 1, B Phase
Akola Wardha li	InterState	04/06/2019	16.54		Continued.	T	Zone 1, B-Phase, 2.53KA.
Dhule Sar'Sarovar II	InterState	04/06/2019	18.55		Continued.	HT	Over Voltage
Chandrapur Bhadravati IV	InterState	04/06/2019	20.53		Continued.	T	Tripped on Z-2, B-phase, 34KM, 4.5KA.
Khadka-Aurangabad (Waluj)	IntraState	01/06/2019	19.15	03/06/2019	07.41	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	03/06/2019	06.23	03/06/2019	06.56	T	Distance Protection
Bableshwar- Aurangabad (Waluj)	IntraState	03/06/2019	08.03	03/06/2019	18.42	PO	Chemical washing of lines
karad -kolhapur-I	IntraState	03/06/2019	08.41	03/06/2019	18.21	PO	Replacement of faulty insulator
New Koyna - Dabhol-I	IntraState	03/06/2019	13.09	03/06/2019	20.40	EO	Attend Decaping at LOC 45 Y-Ph
N.Koyna-Karad -Ckt I	IntraState	03/06/2019	17.13	03/06/2019	18.45	EO	Removing plastic at LOC No-193
Khadka-Aurangabad (Waluj)	IntraState	03/06/2019	18.56	04/06/2019	07.56	HT	Over Voltage
Padghe - Kalwa- I	IntraState	04/06/2019	05.53	04/06/2019	07.43	PO	Attending Hot Spot
Bableshwar- Aurangabad (Waluj)	IntraState	04/06/2019	08.00	04/06/2019	11.10	PO	Chemical Washing
Karad - Talandge Ckt 1	IntraState	04/06/2019	08.02	04/06/2019	19.13	PO	Cold Line Cleaning
New Koyna -Koyna Stage IV-I	IntraState	04/06/2019	08.07	04/06/2019	19.24	PO	Cold Washing
Nagothane - Dabhol-II	IntraState	04/06/2019	09.36	04/06/2019	19.45	PO	Cold Washing
Warora -IEPL	IntraState	04/06/2019	16.54	04/06/2019	17.53	T	Zone1, B Phase
koaradi II - Wardha(PG)	IntraState	04/06/2019	16.54	04/06/2019	20.00	T	Zone 2, R Phase
Khadka-Aurangabad (Waluj)	IntraState	04/06/2019	20.58		Continued.	HT	Over Voltage
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 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 500 Mva Ict-3 @Nagothane	IntraState	03/06/2019	13.25	03/06/2019	20.22	PO	Painting work
400/220/33 kv 315 MVA ICT-I @Chandrapur GCR	IntraState	03/06/2019	20.52	03/06/2019	22.25	EO	HT as LV CB Lock out
400/220 kv 500MVA ICT-I @ Alkud	IntraState	04/06/2019	10.47	04/06/2019	17.49	PO	Quarterly Maintenance 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	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(H/T from Boisar end)
Koradi-Ambazari-I	IntraState	01/06/2019	17.12		Continued.	T	D/C Tower Collapse At LOC.NO.51.
Koradi-Butibori Rly Tss	IntraState	01/06/2019	17.12		Continued.	T	D/C Tower Collapse At LOC.NO.

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 03/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 04/Jun/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							51
Ambazari-Abhijeet	IntraState	01/06/2019	23:28		Continued.	EO	Making Dropper arrangement from 220kv Ambazari-Abhijeet ckt to 220kv Koradi-Butibori TSS ckt.
Trombay Salsette 1 Backbay	IntraState	02/06/2019	23.05	03/06/2019	02.12	PO	Insulator Cleaning Work.
Adlabs - Pedambe	IntraState	03/06/2019	10.40	03/06/2019	20.00	PO	Faulty insulator replacement work
Eklahare (Ocr)Nasik - Padghe 2	IntraState	03/06/2019	11.03	03/06/2019	16.55	HT	H/T at OCR End to control bus cupler loading
Midc Chandrapur-Gadchandur	IntraState	03/06/2019	18.05	04/06/2019	09.12	T	Distance Protection
Trombay MSETCL Tie 2	IntraState	03/06/2019	23.00	04/06/2019	04.59	EO	Attend Hot spot at A-ph line isolator
Kalwa1- Airoli Knowledge Park	IntraState	04/06/2019	04.19	04/06/2019	05.50	T	Y-PH CT BURST T/F-2
Eklahare (Gcr)(Nashik) - Airoli Know Park	IntraState	04/06/2019	04.19	04/06/2019	04.55	T	Y-PH CT BURST T/F-2
satara MIDC- Malharpeth	IntraState	04/06/2019	08.08	04/06/2019	19.04	PO	Cold Line Cleaning
Chalishaon -Babhaleshwar	IntraState	04/06/2019	08.33	04/06/2019	10.23	PO	Tan Delta Measurement work
Mahad - Pedambe	IntraState	04/06/2019	09.32	04/06/2019	12.33	PO	CT Leakage
Chalishaon - Deepnagar	IntraState	04/06/2019	10.37	04/06/2019	12.16	PO	Tan Delta Measurement work
Vita - Ghatnandre	IntraState	04/06/2019	11.00	04/06/2019	14.40	PO	Line Maintenance work
Niwali - Pawas Line	IntraState	04/06/2019	12.16	04/06/2019	18.01	PO	Chemical Washing
Kadegaon-Miraj	IntraState	04/06/2019	12.38	04/06/2019	14.35	EO	To attend Hot Spot
Nanded-Parbhani	IntraState	04/06/2019	21.24	04/06/2019	21.43	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/100 Kv 100 MVA ICT II @Kandurgaon	IntraState	01/06/2019	11.30		Continued.	PO	Oil Filtration Work.(Charged On Humming).
220/33kv 125 Mva Transformer 1 @Saki R/S	IntraState	03/06/2019	09.30	03/06/2019	11.47	PO	P.M.Work
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-Ii (Mudshingi)	IntraState	03/06/2019	10.00	03/06/2019	14.45	PO	Quarterly Maintanance Work
220/33kv 125 MVA Transformer 2 @Saki R/S	IntraState	03/06/2019	14.39	03/06/2019	16.23	PO	P.M.Work
220/22 Kv 50 Mva Imp Ptr 1 @Airoli Knowledge Park	IntraState	04/06/2019	04.19	04/06/2019	04.57	T	Y-PH CT BURST T/F-2
220/22 Kv 50 Mva Imp Ptr 2 @Airoli Knowledge Park	IntraState	04/06/2019	04.19	04/06/2019	23.10	T	Y-PH CT BURST T/F-2
220/33kv 125 MVA Transformer 3 @Saki R/S	IntraState	04/06/2019	09.46	04/06/2019	11.47	PO	Pre Monsoon Maint.Work
200/100KV 100MVA ICT-1@Satara MIDC	IntraState	04/06/2019	11.15	04/06/2019	13.35	PO	Quarterly Maintenance Work
220/132kv 100MVA ICT II @Satara Midc	IntraState	04/06/2019	15.05	04/06/2019	17.53	PO	Quarterly Maintenance Work
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	03/06/2019	13.49	03/06/2019	18.40	T	Distance Protection

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