

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Apr/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.971	882.236	1) Gujrat	0.999	4.106
2) Hydro	16.140	88.143	2) Madhya Pradesh	15.449	97.649
3) Gas	3.790	38.236	3) Chattisgarh	4.340	25.400
Total MSPGCL	164.901	1008.615	4) Maharashtra	115.916	685.176
B) 1) APLM	73.982	448.087	5) Goa (Amona)	-0.682	-3.542
2) JSWEL	23.251	142.098	Total	136.022	808.789
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.331	171.095
4) RPL(AMT)	10.582	71.227	b) Mumbai Drawl	29.133	187.770
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	12.678	67.929
6) Other IPP	13.407	83.394	Include PX	-8.815	-61.273
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.331	171.095
C) 1) TPCL Thermal	13.178	84.254	Include PX	18.415	120.084
2) TPCL Hydro	2.290	22.502	Standby	0.000	0.000
3) TPCL Gas	3.916	25.019	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.227	58.716	1) MSEDCL	417.534	2519.919
D) STATE			2) Mumbai Discoms	57.744	378.261
1) Thermal	288.598	1770.012	TOTAL STATE	475.278	2898.180
(A1+C1+C4+(B1-B6))					
2) Hydro	18.430	110.645			
(A2+C2)					
3) Gas	7.706	63.255			
(A3+B7+C3)					
4) Wind	17.744	103.392			
6) SOLAR	6.778	42.087			
TOTAL STATE	339.256	2089.391			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5758	6150	6017	6061
MSPGCL Hydro	889	931	518	479
MSPGCL Gas	138	127	178	143
MSPGCL Total Generation	6785	7208	6713	6683
Central Sector Receipt	6283	6125	5237	5286
WIND	549	651	873	814
CPP / IPP Thermal	4931	4990	5256	4890
CPP / IPP Gas	0	0	0	0
SOLAR	901	621	0	0
Exchange with Mumbai	-1434	-1312	-1308	-1016
MSEDCL DEMAND MET	18015	18283	16771	16657
Load Shedding	0	0	0	0
MSEDCL DEMAND	18015	18283	16771	16657
TPCL GENERATION	896	931	870	633
AEML GENERATION	374	373	372	375
MUMBAI DEMAND	2704	2616	2550	2024
STATE DEMAND MET	20719	20899	19321	18681
STATE DEMAND	20719	20899	19321	18681
Frequency (Hz)	50.03	50.05	50.04	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18.03 Hrs	49.83 Hz at 00.12 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 06/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.98	23.08	180	135
Unit 7	0.00	0.00	0	0
Unit 8	8.39	50.60	415	300
Unit 9	0.00	0.00	0	0
Unit 10	10.79	60.92	500	400
Total	23.16	134.60		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.58	63.86	510	350
Unit 5	10.40	63.53	500	350
Total	20.98	127.39		
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	5.21	32.01	250	196
Total	5.21	32.01		
Chandrapur				
Unit 3	1.66	24.53	197	0
Unit 4	4.43	26.31	188	180
Unit 5	10.02	59.79	425	410
Unit 6	0.00	0.00	0	0
Unit 7	10.71	63.30	450	427
Unit 8	10.64	64.02	474	410
Unit 9	10.90	67.21	465	430
Total	48.34	305.18		
Paras				
Unit 3	5.98	33.10	258	245
Unit 4	6.06	36.12	256	250
Total	12.04	69.22		
Khaparkheda				
Unit 1	4.08	22.11	190	150
Unit 2	3.52	22.34	170	130
Unit 3	4.26	25.84	190	160
Unit 4	4.22	25.39	190	155
Unit 5	10.79	66.12	495	410
Total	26.86	161.81		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.18	26.19	207	159
Unit 5	4.19	25.84	206	160
Total	8.37	52.03		
Uran				
All Units	3.79	38.24	293	127
Total	3.79	38.24		
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)	0.16	1.04	38	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	1.04		
Koyna				
Stage 1-2	5.71	31.63	495	50
Stage 4	4.48	23.92	513	0
Stage 3	2.62	12.60	160	0
Total	12.80	68.16		
Hydro				
KDPH	0.89	5.33	37	37
VTRNA	0.98	5.76	61	0
TILLARI	0.54	2.74	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	1.13	40	0
RNGR+BHTSA	0.29	1.70	12	12
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	2.08	21	20
GHATGHAR	0.00	0.63	0	0
Total	3.34	19.99		
Wind				
Total	17.74	103.39	0	0
Total	17.74	103.39		
CPP				
APML(Mus)	73.98	448.09	0	0
JSWEL(Mus)	23.25	142.10	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	10.58	71.23	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.41	83.39	0	0
Total	121.22	744.81		
SOLAR				
Total	6.78	42.09	0	0
Total	6.78	42.09		
Tata				
Trombay 5	8.30	54.09	477	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.44	15.84	116	63
Trombay 7B	1.47	9.18	66	49
Trombay 8	4.87	30.17	225	199
TATA Hydro	2.29	22.50	231	0
Total	19.38	131.78		
AEML				
DTPS U-1&2	9.23	58.72	501	372
Total	9.23	58.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.97	882.24	MSPGCL Total	164.90	1008.62
			MSPGCL Thml+Gas	148.76	920.47	Koyna 1,2 & 4 Total	10.18	55.55
			MSPGCL Hydro	16.14	88.14	State Total	339.26	2089.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	6215	977	169	7361	1002	5147	0	0	5274	5343	-1265	17588	0	17588	2493	20081	49.93
2	6079	829	142	7050	868	5139	0	0	5151	5083	-1084	17056	0	17056	2284	19340	50.01
3	6092	420	133	6645	896	4884	0	0	5464	5561	-1025	16961	0	16961	2127	19088	50.01
4	6061	479	143	6683	814	4890	0	0	5438	5286	-1016	16657	0	16657	2024	18681	49.96
5	6104	415	143	6662	888	4909	0	0	5590	5652	-966	17145	0	17145	1966	19111	49.98
6	6101	654	143	6898	961	5055	0	0	5882	5976	-929	17961	0	17961	2019	19980	49.96
7	6169	1052	144	7365	811	5300	0	14	5692	5871	-758	18603	0	18603	2048	20651	50.03
8	6140	332	144	6616	657	5237	0	192	5918	6210	-858	18054	0	18054	2089	20143	50.00
9	6108	395	132	6635	598	4927	0	412	6178	5863	-1135	17300	0	17300	2230	19530	50.03
10	5919	305	139	6363	604	4869	0	664	6260	6258	-1326	17432	0	17432	2453	19885	50.01
11	5772	659	138	6569	637	4728	0	862	6294	6321	-1410	17707	0	17707	2634	20341	50.01
12	5758	889	138	6785	549	4931	0	901	6357	6283	-1434	18015	0	18015	2704	20719	50.03
13	5746	1130	128	7004	367	4952	0	958	6363	6070	-1420	17931	0	17931	2721	20652	50.03
14	5783	998	137	6918	430	4943	0	879	6273	6076	-1336	17910	0	17910	2581	20491	50.03
15	5885	1107	136	7128	596	4983	0	741	6182	6111	-1330	18229	0	18229	2615	20844	50.02
16	6150	931	127	7208	651	4990	0	621	6243	6125	-1312	18283	0	18283	2616	20899	50.05
17	6221	504	136	6861	652	5182	0	375	5901	5861	-1297	17634	0	17634	2598	20232	50.03
18	6179	364	137	6680	655	4996	0	145	5907	5701	-1357	16820	0	16820	2572	19392	50.03
19	5966	414	129	6509	718	4676	0	12	5720	5546	-1363	16098	0	16098	2527	18625	50.10
20	5987	990	145	7122	836	5150	0	2	4916	4933	-1369	16674	0	16674	2641	19315	50.05
21	6017	518	178	6713	873	5256	0	0	4910	5237	-1308	16771	0	16771	2550	19321	50.04
22	6034	399	244	6677	911	5278	0	0	4916	5027	-1262	16631	0	16631	2456	19087	50.04
23	6178	761	292	7231	771	5345	0	0	4632	4905	-1267	16985	0	16985	2412	19397	50.03
24	6307	618	293	7218	999	5455	0	0	4793	4723	-1306	17089	0	17089	2384	19473	50.03
MUs	144.97	16.14	3.79	164.90	17.74	121.22	0.00	6.78	136.25	136.02	-29.13	417.53	0.00	417.53	57.74	475.28	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 06/Apr/2019

Position as on 6.30 Hrs of 07/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	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
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	Koradi Unit 9	660	31/03/2019	15.13		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	06/04/2019	00.00		Continued.	No Schedule By MSEDCL.	
MSPGCL	Uran Unit 6	108	06/04/2019	00.18	06/04/2019	19.51	Air Intake Filter replacement work.	
MSPGCL	Chandrapur Unit 3	210	06/04/2019	00.40	06/04/2019	13.19	UAT Buccholz Trip.	
MSPGCL	Khaparkheda Unit 2	210	07/04/2019	03.20		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 07/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 II	InterState	03/04/2019	18.27		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/04/2019	17.01		Continued.	HT	Over Voltage
Nagothane - Dabhol I	IntraState	06/04/2019	08.29	06/04/2019	20.30	PO	Insulator string replacement
Nagothane - Dabhol I	IntraState	07/04/2019	08.55	07/04/2019	18.36	PO	LE Scheme for Insulator String replacement
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
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.
Boisar(MS) - Boisar (PG) - I	InterState	07/04/2019	06.58		Continued.	PO	Erection of Cross Arm and Stringing work
Boiser(M)-Boiser(PG) -III	InterState	07/04/2019	07.28		Continued.	PO	Erection of Cross Arm and Stringing work
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.
Purti-Bhugaon	IntraState	05/04/2019	21.36	06/04/2019	02.11	T	Distance Protection R Phase.Zone 1
Uran - Kharghar I	IntraState	06/04/2019	10.22		Continued.	PO	Re-orientation work of line
Babhaleshwar - Jeur Khandake	IntraState	06/04/2019	12.15	06/04/2019	19.04	PO	Testing Work
Nalasopara-Boisar	IntraState	07/04/2019	00.30	07/04/2019	12.50	EO	R phase Jumper Hot Spot(Taken on TBC)
Boisar Versova Line	IntraState	07/04/2019	06.16		Continued.	HT	Outage on Boisar PG CKT 1&3
Boisar(M) - Ghodbunder	IntraState	07/04/2019	06.19		Continued.	HT	Outage on Boisar PG CKT 1&3
Boisar-Viraj	IntraState	07/04/2019	06.25		Continued.	HT	Outage on Boisar PG CKT 1&3
Chalisgaon -Babhaleshwar	IntraState	07/04/2019	07.15	07/04/2019	07.50	PO	To attend Isolator Jaw Problem
Salsette - Sahara	IntraState	07/04/2019	07.40	07/04/2019	22.52	PO	Conductor Stringing
Trombay Carnac 5	IntraState	07/04/2019	10.49	07/04/2019	13.06	PO	Tree Trimming
Deepnagar Bambhori	IntraState	07/04/2019	21.50	07/04/2019	23.53	PO	Line Maintenance work
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
220/132 KV ICT-2 @Nagar	IntraState	05/04/2019	10.45		Continued.	PO	oil Filtration.
220/22-22 Kv 100 Mva Ptr No 1 @Parvati	IntraState	06/04/2019	11.41	06/04/2019	13.08	EO	Attend LV cabale Damaged insulation
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	07/04/2019	10.51	07/04/2019	12.20	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	07/04/2019	14.35	07/04/2019	15.30	T	Tripped on PDR
132 KV LINE Outages/Trippings							

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 06/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 07/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip Form Pench end for system requirment.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.