

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Apr/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.822	593.279	1) Gujrat	-0.224	2.051
2) Hydro	16.331	57.460	2) Madhya Pradesh	14.663	66.604
3) Gas	6.956	27.544	3) Chattisgarh	4.140	17.030
Total MSPGCL	171.109	678.283	4) Maharashtra	112.123	458.341
B) 1) APMIL	76.608	304.316	5) Goa (Amona)	-0.462	-2.640
2) JSWEL	26.158	94.873	Total	130.240	541.386
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.186	116.911
4) RPL(AMT)	13.065	46.388	b) Mumbai Drawl	30.639	123.651
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	4.298	49.280
6) Other IPP	14.218	56.515	Include PX	-18.218	-36.999
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.186	116.911
C) 1) TPCL Thermal	15.362	58.419	Include PX	20.551	81.284
2) TPCL Hydro	4.153	16.005	Standby	0.000	0.000
3) TPCL Gas	4.349	16.752	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.841	40.410	1) MSEDCL	427.406	1694.589
D) STATE			2) Mumbai Discoms	65.344	255.237
1) Thermal	304.074	1194.200	TOTAL STATE	492.750	1949.826
(A1+C1+C4+(B1-B6))					
2) Hydro	20.484	73.465			
(A2+C2)					
3) Gas	11.305	44.296			
(A3+B7+C3)					
4) Wind	19.161	67.916			
6) SOLAR	7.486	28.563			
TOTAL STATE	362.510	1408.440			

* 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 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6411	6381	5830	5906
MSPGCL Hydro	628	487	237	467
MSPGCL Gas	282	281	287	292
MSPGCL Total Generation	7321	7149	6354	6665
Central Sector Receipt	6898	6796	4879	4459
WIND	358	368	1378	1006
CPP / IPP Thermal	5488	5483	5217	5383
CPP / IPP Gas	0	0	0	0
SOLAR	1029	1055	2	0
Exchange with Mumbai	-1527	-1539	-1586	-1467
MSEDCL DEMAND MET	19567	19312	16244	16046
Load Shedding	0	0	0	0
MSEDCL DEMAND	19567	19312	16244	16046
TPCL GENERATION	1259	1230	1020	805
AEML GENERATION	499	500	374	374
MUMBAI DEMAND	3285	3269	2980	2646
STATE DEMAND MET	22852	22581	19224	18692
STATE DEMAND	22852	22581	19224	18692
Frequency (Hz)	49.98	50.00	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 10.01 Hrs	49.77 Hz at 01.11 Hrs	49.99	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 04/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.66	15.48	170	130
Unit 7	0.00	0.00	0	0
Unit 8	9.01	33.11	423	334
Unit 9	0.00	0.00	0	0
Unit 10	10.32	39.72	495	330
Total	22.99	88.32		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.16	43.62	505	350
Unit 5	11.12	43.42	505	350
Total	22.28	87.04		
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	5.63	21.88	250	200
Total	5.63	21.88		
Chandrapur				
Unit 3	4.59	18.39	195	168
Unit 4	4.34	17.52	186	164
Unit 5	10.09	39.86	425	380
Unit 6	0.00	0.00	0	0
Unit 7	10.58	42.11	452	417
Unit 8	9.56	42.80	460	367
Unit 9	11.14	45.38	478	450
Total	50.29	206.06		
Paras				
Unit 3	4.71	21.22	255	0
Unit 4	6.04	24.01	257	240
Total	10.76	45.24		
Khaparkheda				
Unit 1	3.07	14.29	180	0
Unit 2	3.75	15.22	160	140
Unit 3	4.52	17.62	190	160
Unit 4	4.38	17.29	188	160
Unit 5	10.90	44.64	460	438
Total	26.62	109.07		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.69	18.02	210	160
Unit 5	4.57	17.66	208	159
Total	9.26	35.68		
Uran				
All Units	6.96	27.54	306	272
Total	6.96	27.54		
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)	0.17	0.73	38	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	0.73		
Koyna				
Stage 1-2	5.58	20.51	500	40
Stage 4	5.04	15.76	927	0
Stage 3	2.38	8.10	240	0
Total	13.01	44.37		
Hydro				
KDPH	0.89	3.55	37	37
VTRNA	0.89	3.60	61	0
TILLARI	0.48	1.66	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	0.78	40	0
RNGR+BHTSA	0.29	1.12	13	12
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	1.14	18	17
GHATGHAR	0.19	0.63	125	0
Total	3.32	13.09		
Wind				
Total	19.16	67.92	0	0
Total	19.16	67.92		
CPP				
APML(Mus)	76.61	304.32	0	0
JSWEL(Mus)	26.16	94.87	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	13.06	46.39	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.22	56.52	0	0
Total	130.05	502.09		
SOLAR				
Total	7.49	28.56	0	0
Total	7.49	28.56		
Tata				
Trombay 5	10.15	37.98	484	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	10.62	116	115
Trombay 7B	1.57	6.13	66	65
Trombay 8	5.21	20.44	231	199
TATA Hydro	4.15	16.00	365	0
Total	23.86	91.18		
AEML				
DTPS U-1&2	10.84	40.41	502	373
Total	10.84	40.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.82	593.28	MSPGCL Total	171.11	678.28
			MSPGCL Thml+Gas	154.78	620.82	Koyna 1,2 & 4 Total	10.63	36.27
			MSPGCL Hydro	16.33	57.46	State Total	362.51	1408.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	6108	1640	291	8039	978	5541	0	0	3983	4117	-1118	17557	0	17557	2498	20055	49.91
2	6097	1678	301	8076	910	5495	0	0	3963	4039	-896	17624	0	17624	2271	19895	49.93
3	6061	696	293	7050	827	5477	0	0	5026	4674	-789	17239	0	17239	2125	19364	50.03
4	5951	374	292	6617	838	5034	0	0	5366	5547	-897	17139	0	17139	2008	19147	50.05
5	6131	262	304	6697	696	5151	0	0	5580	5459	-865	17138	0	17138	1977	19115	50.03
6	6224	427	294	6945	670	5469	0	0	5693	5915	-792	18207	0	18207	2044	20251	49.99
7	6279	1393	306	7978	500	5584	0	20	5529	5552	-770	18864	0	18864	2156	21020	49.97
8	6335	1214	294	7843	424	5592	0	169	5562	5474	-917	18585	0	18585	2300	20885	50.05
9	6377	678	292	7347	352	5551	0	470	5949	5778	-1149	18349	0	18349	2597	20946	49.97
10	6355	376	289	7020	365	5330	0	740	6342	6555	-1320	18690	0	18690	2937	21627	49.99
11	6400	572	285	7257	340	5487	0	926	6657	6689	-1518	19181	0	19181	3194	22375	50.01
12	6411	628	282	7321	358	5488	0	1029	6723	6898	-1527	19567	0	19567	3285	22852	49.98
13	6381	487	281	7149	368	5483	0	1055	6699	6796	-1539	19312	0	19312	3269	22581	50.00
14	6339	627	272	7238	437	5467	0	985	6611	6572	-1425	19274	0	19274	3147	22421	50.01
15	6345	781	281	7407	462	5456	0	869	6659	6538	-1483	19249	0	19249	3191	22440	49.98
16	6416	1132	283	7831	551	5548	0	646	6525	6247	-1538	19285	0	19285	3224	22509	49.96
17	6491	544	284	7319	833	5550	0	411	5985	5926	-1516	18523	0	18523	3199	21722	49.96
18	6187	268	286	6741	1317	5479	0	164	5776	5332	-1442	17591	0	17591	3114	20705	50.02
19	5830	237	287	6354	1378	5217	0	2	5014	4879	-1586	16244	0	16244	2980	19224	49.99
20	5809	321	289	6419	1546	5371	0	0	4727	4438	-1630	16144	0	16144	2963	19107	49.99
21	5667	357	299	6323	1463	5197	0	0	4211	4137	-1531	15589	0	15589	2830	18419	49.97
22	5809	692	291	6792	1317	5296	0	0	3918	4057	-1484	15978	0	15978	2716	18694	50.00
23	5913	480	288	6681	1225	5403	0	0	4204	4162	-1440	16031	0	16031	2673	18704	49.94
24	5906	467	292	6665	1006	5383	0	0	4378	4459	-1467	16046	0	16046	2646	18692	50.02
MUs	147.82	16.33	6.96	171.11	19.16	130.05	0.00	7.49	131.08	130.24	-30.64	427.41	0.00	427.41	65.34	492.75	49.99

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 04/Apr/2019

Position as on 6.30 Hrs of 05/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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-2	270	27/12/2018	19.30	04/04/2019	16.44	Zero 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	
MSPGCL	Khaparkheda Unit 1	210	03/04/2019	22.48	04/04/2019	03.50	Replacement of Y phase conductor of GT.	
MSPGCL	Paras Unit 3	250	04/04/2019	17.23	04/04/2019	21.43	Attending Hot spot on Y ph metering CT	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 05/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	04/04/2019	18.46	04/04/2019	20.04	T	Distance Protection
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
Parli(MS)-Parli (PG) II	InterState	04/04/2019	16.15	05/04/2019	03.08	T	Tripped due to DT received at Parly MS end trial taken but tripped on 17.49 declared
Bhusawal-Aurangabad	IntraState	03/04/2019	21.40	04/04/2019	08.39	HT	Over Voltage
Padghe - Nagothane - I	IntraState	04/04/2019	06.48	04/04/2019	19.10	T	Distance Protection
Girwali- Lonikand 2	IntraState	04/04/2019	10.31	04/04/2019	17.58	PO	Testing Work
Koradi-Khaperkheda I	IntraState	04/04/2019	12.13		Continued.	PO	Shifting on TBC at koradi end
Khadka-Aurangabad (Waluj)	IntraState	04/04/2019	18.15		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 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
400/220kv 315 Mva ICT III @Karad	IntraState	01/04/2019	10.08		Continued.	PO	OLTC Overhauling Work.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	02/04/2019	10.15		Continued.	PO	Replacement of Tertiary Bushing.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	04/04/2019	09.44	04/04/2019	17.17	PO	Insatallation & Allied work of Y-ph unit
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.
Trombay MSETCL Tie 2	IntraState	03/04/2019	06.25	04/04/2019	10.12	PO	Attending CT Oil Leakage.
Ghatghar - Jindal	IntraState	03/04/2019	09.10	05/04/2019	00.26	PO	Maintenance Work isolator.
Kharghar-Borivali ckt I	IntraState	03/04/2019	22.32	04/04/2019	10.29	T	Distance Protection
Nalasopara-Boisar	IntraState	04/04/2019	07.07	04/04/2019	07.33	T	Distance Protection
Phursungi-Serum	IntraState	04/04/2019	09.15	04/04/2019	16.22	PO	Half yearly maintenance work
Bombay Dyeing - Sahara	IntraState	04/04/2019	12.32	04/04/2019	16.13	EO	Emergency Tree cutting work
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	04/04/2019	15.05	04/04/2019	16.43	T	Distance Protection
Nashik-Airoli Knowledge Park	IntraState	04/04/2019	15.12	04/04/2019	16.46	HT	H/T for control 220kv nashik-bblr ckt-1 line
Nashik-Padgha	IntraState	04/04/2019	15.15	04/04/2019	15.53	HT	H/T for control 220kv nashik-bblr ckt-1 line
Kharghar-Sonkhar	IntraState	04/04/2019	16.15	04/04/2019	16.58	T	Tripped at kharghar end only
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/132 Kv 100MVA ICT-I @ Belewadi	IntraState	04/04/2019	09.31	04/04/2019	17.32	PO	Diagnostic testing work
220/132 Kv 150MVA ICT II@ GCR Nashik	IntraState	04/04/2019	10.06	04/04/2019	16.12	PO	Replacement of isolator

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 04/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 05/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
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.

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