

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Apr/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.783	294.866	1) Gujrat	1.285	2.060
2) Hydro	10.253	22.798	2) Madhya Pradesh	17.989	36.678
3) Gas	6.922	13.857	3) Chattisgarh	4.360	8.750
Total MSPGCL	165.958	331.521	4) Maharashtra	119.333	234.089
B) 1) APLM	76.038	150.610	5) Goa (Amona)	-0.748	-1.386
2) JSWEL	22.635	44.929	Total	142.219	280.191
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.352	58.764
4) RPL(AMT)	10.991	21.413	b) Mumbai Drawl	31.580	63.708
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.202	38.203
6) Other IPP	13.491	27.042	Include PX	-0.469	-3.725
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.352	58.764
C) 1) TPCL Thermal	14.021	27.255	Include PX	21.311	40.655
2) TPCL Hydro	3.568	7.587	Standby	0.000	0.000
3) TPCL Gas	4.240	8.405	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.454	18.417	1) MSEDCL	423.026	837.583
D) STATE			2) Mumbai Discoms	62.863	125.372
1) Thermal	295.413	584.532	TOTAL STATE	485.889	962.955
(A1+C1+C4+(B1-B6))					
2) Hydro	13.821	30.385			
(A2+C2)					
3) Gas	11.162	22.262			
(A3+B7+C3)					
4) Wind	16.166	31.302			
6) SOLAR	7.108	14.283			
TOTAL STATE	343.670	682.764			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6401	6245	6172	6096
MSPGCL Hydro	830	255	517	169
MSPGCL Gas	281	281	296	304
MSPGCL Total Generation	7512	6781	6985	6569
Central Sector Receipt	6471	6846	5731	5248
WIND	306	421	853	825
CPP / IPP Thermal	5136	5415	5384	4661
CPP / IPP Gas	0	0	0	0
SOLAR	916	632	0	0
Exchange with Mumbai	-1731	-1440	-1300	-903
MSEDCL DEMAND MET	18610	18655	17653	16400
Load Shedding	0	0	0	0
MSEDCL DEMAND	18610	18655	17653	16400
TPCL GENERATION	1067	1180	1113	649
AEML GENERATION	351	469	498	351
MUMBAI DEMAND	3149	3089	2911	1903
STATE DEMAND MET	21759	21744	20564	18303
STATE DEMAND	21759	21744	20564	18303
Frequency (Hz)	49.93	50.03	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.04 Hrs	49.7 Hz at 22.40 Hrs	49.96	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 02/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.13	7.99	200	150
Unit 7	0.00	0.00	0	0
Unit 8	8.27	15.97	405	300
Unit 9	0.00	0.00	0	0
Unit 10	9.30	19.30	455	298
Total	21.70	43.26		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.75	20.90	505	350
Unit 5	10.68	20.83	500	350
Total	21.42	41.73		
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	5.50	10.79	250	195
Total	5.50	10.79		
Chandrapur				
Unit 3	4.64	9.17	195	191
Unit 4	4.42	8.77	189	179
Unit 5	10.04	19.72	425	412
Unit 6	0.00	0.00	0	0
Unit 7	10.60	20.89	451	432
Unit 8	11.50	22.97	490	470
Unit 9	11.49	22.84	486	470
Total	52.70	104.35		
Paras				
Unit 3	4.87	10.66	248	0
Unit 4	6.03	12.10	255	250
Total	10.90	22.76		
Khaparkheda				
Unit 1	3.78	7.49	170	130
Unit 2	3.92	7.62	170	140
Unit 3	4.35	8.60	190	150
Unit 4	4.24	8.43	185	160
Unit 5	11.62	22.79	500	460
Total	27.92	54.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.36	8.59	208	160
Unit 5	4.28	8.47	202	160
Total	8.64	17.06		
Uran				
All Units	6.92	13.86	306	269
Total	6.92	13.86		
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)	0.25	0.39	42	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.25	0.39		
Koyna				
Stage 1-2	4.16	9.18	425	40
Stage 4	1.44	4.45	388	0
Stage 3	1.50	2.77	160	0
Total	7.10	16.39		
Hydro				
KDPH	0.89	1.78	37	37
VTRNA	0.99	1.92	61	0
TILLARI	0.48	0.90	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	0.37	40	0
RNGR+BHTSA	0.27	0.55	12	0
BHANDARDRA	0.26	0.54	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	0.36	6	5
GHATGHAR	0.00	0.00	0	0
Total	3.16	6.40		
Wind				
Total	16.17	31.30	0	0
Total	16.17	31.30		
CPP				
APML(Mus)	76.04	150.61	0	0
JSWEL(Mus)	22.64	44.93	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	10.99	21.41	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.49	27.04	0	0
Total	123.16	243.99		
SOLAR				
Total	7.11	14.28	0	0
Total	7.11	14.28		
Tata				
Trombay 5	9.01	17.33	478	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.69	5.32	117	76
Trombay 7B	1.55	3.08	67	54
Trombay 8	5.01	9.92	225	200
TATA Hydro	3.57	7.59	360	0
Total	21.83	43.25		
AEML				
DTPS U-1&2	9.45	18.42	499	349
Total	9.45	18.42		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.78	294.87	MSPGCL Total	165.96	331.52
			MSPGCL Thml+Gas	155.70	308.72	Koyna 1,2 & 4 Total	5.60	13.62
			MSPGCL Hydro	10.25	22.80	State Total	343.67	682.76

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	6020	461	301	6782	866	4946	0	0	5694	5645	-1280	16959	0	16959	2332	19291	49.89
2	6064	260	292	6616	795	4950	0	0	5598	5474	-1091	16744	0	16744	2146	18890	49.84
3	6095	425	292	6812	783	4716	0	0	5292	5187	-961	16537	0	16537	1996	18533	49.90
4	6096	169	304	6569	825	4661	0	0	5276	5248	-903	16400	0	16400	1903	18303	49.97
5	6088	115	294	6497	1071	4534	0	0	5571	5445	-893	16654	0	16654	1875	18529	49.96
6	6316	327	294	6937	931	4786	0	0	5684	5514	-899	17269	0	17269	1964	19233	49.83
7	6573	201	306	7080	794	5283	0	27	5977	6276	-823	18637	0	18637	2078	20715	49.91
8	6564	139	295	6998	457	5235	0	173	6069	6100	-978	17985	0	17985	2229	20214	50.06
9	6401	232	291	6924	227	5203	0	465	6180	6137	-1270	17686	0	17686	2507	20193	50.05
10	6281	574	288	7143	369	5171	0	662	6309	6583	-1549	18379	0	18379	2827	21206	49.95
11	6488	448	282	7218	452	5264	0	855	6524	6077	-1698	18168	0	18168	3069	21237	49.99
12	6401	830	281	7512	306	5136	0	916	6573	6471	-1731	18610	0	18610	3149	21759	49.93
13	6352	951	269	7572	262	5143	0	959	6548	6326	-1732	18530	0	18530	3107	21637	49.97
14	6303	403	281	6987	372	5237	0	922	6480	6416	-1631	18303	0	18303	2991	21294	49.98
15	6295	601	279	7175	369	5394	0	818	6505	6486	-1559	18683	0	18683	3048	21731	49.92
16	6245	255	281	6781	421	5415	0	632	6463	6846	-1440	18655	0	18655	3089	21744	50.03
17	6018	839	272	7129	397	5321	0	403	6301	6268	-1383	18135	0	18135	3083	21218	50.00
18	6009	583	284	6876	456	5580	0	265	6169	6245	-1361	18061	0	18061	3015	21076	50.08
19	6073	258	287	6618	643	5349	0	11	5891	5642	-1320	16943	0	16943	2911	19854	50.06
20	6172	517	296	6985	853	5384	0	0	5792	5731	-1300	17653	0	17653	2911	20564	50.00
21	6088	233	289	6610	1173	5323	0	0	5609	5525	-1380	17251	0	17251	2808	20059	50.01
22	5830	548	288	6666	1140	4864	0	0	5585	5575	-1479	16766	0	16766	2660	19426	49.94
23	6002	590	287	6879	1109	5113	0	0	5578	5655	-1460	17296	0	17296	2604	19900	49.84
24	6009	294	289	6592	1095	5147	0	0	5606	5347	-1459	16722	0	16722	2561	19283	49.99
MUs	148.78	10.25	6.92	165.96	16.17	123.16	0.00	7.11	143.27	142.22	-31.58	423.03	0.00	423.03	62.86	485.89	49.96

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 02/Apr/2019

Position as on 6.30 Hrs of 03/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-2	270	27/12/2018	19.30		Continued.	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	Koyana Unit 5	80	31/03/2019	08.20	02/04/2019	05.20	CW Bus Work.	
MSPGCL	Koradi Unit 9	660	31/03/2019	15.13		Continued.	Furnace Pressure High	
MSPGCL	Paras Unit 3	250	02/04/2019	15.48	02/04/2019	18.38	ID Fan Trip & Loss of Fuel.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 03/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	27/03/2019	18.00	02/04/2019	08.57	HT	Over Voltage
Nagothane - Dabhol I	IntraState	01/04/2019	08.18	02/04/2019	21.03	PO	LE Scheme For Insulator String Replacement.
Khadka-Aurangabad (Waluj)	IntraState	01/04/2019	17.52	02/04/2019	07.54	HT	Over Voltage
Koradi-Khaparkheda li	IntraState	02/04/2019	15.41	02/04/2019	17.05	HT	Due To Sparking On Isolator.
Bhusawal-Aurangabad	IntraState	02/04/2019	20.05		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	03/04/2019	04.56		Continued.	T	Distance Protection
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-II @Waluj	IntraState	02/04/2019	09.18	02/04/2019	14.40	EO	Oil Leakage In Neutral Bushing.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	02/04/2019	10.15		Continued.	PO	Replacement of Tertiary Bushing.
400/220/33 Kv, 167 Mva, Spare Ict @Khaparkheda	IntraState	02/04/2019	10.42	02/04/2019	12.34	PO	Routine Maintenance Work
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	02/04/2019	11.00	02/04/2019	13.13	HT	Emergency H/T Tripped Due To Smoke Observed In BCU Panel.
400/220KV 500MVA ICT-II@Taptitanda	IntraState	03/04/2019	00.55	03/04/2019	06.19	T	R-Ph Unit Tripped on Main Buchole.
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.
Nasik Navsari I	InterState	03/04/2019	05.33		Continued.	T	Distance Protection
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.
Theur- Magar Patta City	IntraState	02/04/2019	04.06	02/04/2019	04.25	T	Bus Bar Operated At Theur end.
Theur-Phursungi	IntraState	02/04/2019	04.06	02/04/2019	17.38	T	R-Phase, CT Bus At Theur End.
Lonikand (400 Kv)-Theur li	IntraState	02/04/2019	04.06	02/04/2019	04.26	T	Bus Bar Operated On Theur End.
Lonikand (400 Kv)-Theur I	IntraState	02/04/2019	04.06	02/04/2019	04.24	T	Bus Bar Operated On Theur End.
Washala - Ghatghar	IntraState	02/04/2019	08.55	02/04/2019	18.25	PO	Replacement of Earth Wire.
Solapur(Bale) - Tuljapur	IntraState	02/04/2019	09.05	02/04/2019	12.00	PO	Quarterly Maintenance Work
Karad - Kadegaon	IntraState	02/04/2019	09.20	02/04/2019	19.41	PO	Restraining of Conductor Bet LOC No.73.
Ghatghar - Jindal	IntraState	02/04/2019	09.30	02/04/2019	17.53	PO	Replacement of Earth Wire.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	02/04/2019	10.30	02/04/2019	13.03	PO	Quarterly Maintenance Work
Trombay MSETCL Tie 2	IntraState	03/04/2019	06.25		Continued.	PO	Attending CT Oil Leakage.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Bucchoz Trip.
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	02/04/2019	04.06	02/04/2019	04.25	T	Bus Bar Operated At Theur End.

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 02/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 03/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	02/04/2019	04.06	02/04/2019	4.25	T	Bus Bar Operated At Theur End.
220/33kv 125 Mva Transformer 3 @Chembur R/S	IntraState	02/04/2019	10.48	02/04/2019	13.02	PO	Attending Oil Leakage.
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.