

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 02/Apr/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.075	290.370	1) Gujrat	-2.603	-5.526
2) Hydro	22.824	33.221	2) Madhya Pradesh	19.656	38.604
3) Gas	10.577	21.013	3) Chattisgarh	6.550	13.360
Total MSPGCL	179.476	344.604	4) Maharashtra Net	125.760	248.421
B) 1) APML	38.263	75.968	5) Goa (Amona)	-0.704	-1.166
2) JSWEL	18.024	35.578	Total	148.659	293.693
3) VIPL	5.093	10.328	a) Mumbai Schedule	24.302	41.897
4) RPL(AMT)	18.779	36.453	b) Mumbai Drawl	27.826	51.734
5) WPCL	4.678	9.102	c) MSEDCL Bilateral *	35.961	69.797
6) PGPL	0.000	0.000	Include PX	5.803	10.659
7) Other IPP	13.329	26.728	d) Mumbai Bilateral *	24.302	41.897
C) 1) TPCL Thermal	15.363	29.227	Include PX	6.777	9.400
2) TPCL Hydro	5.319	6.678	Include Standby	0.000	0.000
3) TPCL Gas	3.108	6.695	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.243	21.525	1) MSEDCL	415.984	817.261
D) STATE			2) Mumbai Discoms	62.861	115.861
1) Thermal	270.847	535.279	TOTAL STATE	478.845	933.122
(A1+C1+C4+(B1-B6))					
2) Hydro	28.143	39.899			
(A2+C2)					
3) Gas	13.685	27.708			
(A3+B6+C3)					
4) Wind	12.280	25.724			
6) SOLAR	5.229	10.817			
TOTAL STATE	330.184	639.427			

* 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 4 Hrs
MSPGCL Thermal	6140	6228	6329	5865
MSPGCL Hydro	1569	1493	824	125
MSPGCL Gas	425	421	431	459
MSPGCL Total Generation	8134	8142	7584	6449
Central Sector Receipt	6985	7127	5968	5576
WIND	301	332	397	929
CPP / IPP Thermal	4217	4239	4229	3749
CPP / IPP Gas	0	0	0	0
SOLAR	729	747	2	0
Exchange with Mumbai	-1391	-1411	-1344	-862
MSEDCL DEMAND MET	18975	19176	16836	15841
Load Shedding	0	0	0	0
MSEDCL DEMAND	18975	19176	16836	15841
TPCL GENERATION	1317	1259	984	694
R-INFRA GENERATION	500	499	500	377
MUMBAI DEMAND	3208	3169	2828	1933
STATE DEMAND MET	22183	22345	19664	17774
STATE DEMAND	22183	22345	19664	17774
Frequency (Hz)	49.95	49.98	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13:04 Hrs	49.81 Hz at 19:22 Hrs	49.98	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.15	17.55	436	349
Unit 9	9.15	17.57	435	350
Unit 10	9.13	17.55	435	350
Total	27.43	52.67		
Bhusawal				
Unit 3	4.46	8.81	200	160
Unit 4	11.69	23.16	500	475
Unit 5	11.79	23.28	500	470
Total	27.94	55.25		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.60	11.20	250	173
Unit 7	5.47	11.01	248	187
Unit 8	4.92	9.89	227	184
Total	15.98	32.10		
Chandrapur				
Unit 3	0.00	0.00	0	0
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	10.82	21.57	460	442
Unit 8	10.37	20.64	455	381
Unit 9	10.02	20.27	450	383
Total	31.21	62.48		
Paras				
Unit 3	5.68	11.50	250	190
Unit 4	3.37	7.98	250	0
Total	9.05	19.47		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.65	9.24	195	190
Unit 3	4.44	8.94	200	175
Unit 4	4.94	9.98	210	195
Unit 5	11.68	23.33	505	450
Total	25.71	51.50		
Nasik				
Unit 3	4.35	7.88	193	155
Unit 4	0.00	0.32	0	0
Unit 5	4.39	8.71	193	161
Total	8.74	16.90		
Uran				
All Units	10.58	21.01	470	413
Total	10.58	21.01		
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)	0.48	0.66	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.48	0.66		
Koyna				
Stage 1-2	5.28	8.92	480	40
Stage 4	9.28	10.11	965	0
Stage 3	3.10	4.52	240	0
Total	17.66	23.55		
Hydro				
KDPH	0.86	1.73	36	36
VTRNA	1.06	2.46	61	0
TILLARI	0.42	0.84	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.32	81	0
RNGR+BHTSA	0.00	0.32	0	0
BHANDARDRA	0.48	0.96	34	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.85	1.75	36	35
GHATGHAR	1.30	1.30	250	0
Total	5.17	9.68		
Wind				
Total	12.28	25.72	0	0
Total	12.28	25.72		
CPP				
APML(Mus)	38.26	75.97	0	0
JSWEL(Mus)	18.02	35.58	0	0
VIPL(Mus)	5.09	10.33	0	0
RPLAMT(Mus)	18.78	36.45	0	0
WPCL(Mus)	4.68	9.10	0	0
Other(Mus)	13.33	26.73	0	0
Total	98.17	194.16		
SOLAR				
Total	5.23	10.82	0	0
Total	5.23	10.82		
Tata				
Trombay 5	10.26	19.15	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	3.98	94	62
Trombay 7B	1.30	2.72	61	49
Trombay 8	5.10	10.08	219	198
TATA Hydro	5.32	6.68	459	44
Total	23.79	42.60		
R-INFRA				
DTPS U-1&2	11.24	21.52	501	376
Total	11.24	21.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.08	290.37	MSPGCL Total	179.48	344.60
			MSPGCL Thml+Gas	156.65	311.38	Koyna 1,2 & 4 Total	14.56	19.02
			MSPGCL Hydro	22.82	33.22	State Total	330.18	639.43

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 02/Apr/2018

Annexure-2

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	5949	126	446	6521	849	3738	0	0	5851	5961	-1264	15805	0	15805	2341	18146	49.98
2	5953	126	455	6534	851	3741	0	0	5725	5883	-1087	15922	0	15922	2162	18084	50.00
3	5980	125	455	6560	961	3747	0	0	5558	5579	-948	15899	0	15899	2023	17922	50.00
4	5865	125	459	6449	929	3749	0	0	5494	5576	-862	15841	0	15841	1933	17774	49.99
5	5917	145	458	6520	750	3920	0	0	5506	5647	-771	16066	0	16066	1896	17962	49.98
6	5970	896	457	7323	536	4100	0	0	5613	5499	-643	16815	0	16815	1985	18800	49.95
7	5964	1473	449	7886	384	4121	0	3	5951	6156	-731	17819	0	17819	2077	19896	50.00
8	5990	1835	470	8295	262	4112	0	124	5787	6246	-809	18230	0	18230	2205	20435	50.00
9	5992	1335	442	7769	201	4109	0	328	5893	6225	-1086	17546	0	17546	2506	20052	49.98
10	5949	1439	432	7820	287	4149	0	496	5982	5942	-1246	17448	0	17448	2843	20291	49.93
11	5981	1523	429	7933	316	4273	0	644	6199	6007	-1375	17798	0	17798	3112	20910	49.95
12	6140	1569	425	8134	301	4217	0	729	7040	6985	-1391	18975	0	18975	3208	22183	49.95
13	6228	1493	421	8142	332	4239	0	747	7143	7127	-1411	19176	0	19176	3169	22345	49.98
14	6291	1340	413	8044	366	4141	0	678	6978	7086	-1361	18954	0	18954	3072	22026	50.03
15	6292	1474	422	8188	361	4089	0	626	7129	7190	-1393	19061	0	19061	3127	22188	49.95
16	6318	1669	425	8412	335	4115	0	456	7227	7175	-1380	19113	0	19113	3133	22246	49.98
17	6285	1820	427	8532	364	4230	0	285	6689	6889	-1319	18981	0	18981	3078	22059	49.96
18	6247	1911	440	8598	370	4235	0	111	6003	6235	-1255	18294	0	18294	2962	21256	49.99
19	6329	824	431	7584	397	4229	0	2	5900	5968	-1344	16836	0	16836	2828	19664	49.97
20	6327	493	435	7255	452	4169	0	0	6014	6019	-1292	16603	0	16603	2839	19442	49.93
21	6276	304	436	7016	630	4252	0	0	5874	5490	-1173	16215	0	16215	2716	18931	50.01
22	6178	204	457	6839	623	4185	0	0	5799	5722	-1316	16053	0	16053	2578	18631	50.00
23	5907	380	441	6728	752	4181	0	0	5738	5900	-1238	16323	0	16323	2532	18855	50.01
24	5747	195	452	6394	671	4125	0	0	5985	6152	-1131	16211	0	16211	2534	18745	50.01
MUs	146.07	22.82	10.58	179.48	12.28	98.17	0.00	5.23	147.08	148.66	-27.83	415.98	0.00	415.98	62.86	478.84	49.98

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/2018

Position as on 6.30 Hrs of 03/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	24/03/2018	07.36		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
MSPGCL	Chandrapur Unit 5	500	31/03/2018	22.10		Continued.	Water Shortage	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 4	210	01/04/2018	02.05		Continued.	due to heavy clinker grinder of bottom ash hopper.	
MSPGCL	Paras Unit 4	250	02/04/2018	03.42	02/04/2018	10.39	electrical protection operated.	
MSPGCL	Koyna STG- IV Unit - 1	250	02/04/2018	06.00	02/04/2018	09.15	butterfly wall control fault.	
MSPGCL	Ghatghar Unit-1	125	02/04/2018	11.10	02/04/2018	12.25	oil level pressure high	
MSPGCL	Paras Unit 4	250	02/04/2018	21.41		Continued.	Furnace Pressure High	
MSPGCL	Uran Unit 5	108	03/04/2018	00.12		Continued.	Air filter replacement	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 03/Apr/2018

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 I	InterState	01/04/2018	17.03	02/04/2018	07.08	HT	Over Voltage
Dabhol Nagothane I	InterState	02/04/2018	08.35	02/04/2018	19.08	PO	Cold line Washing
Dhule Sar'Sarovar II	InterState	02/04/2018	17.46		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/03/2018	17.26	02/04/2018	10.23	HT	Over Voltage
Chandrapur-Parali III	IntraState	02/04/2018	15.21	03/04/2018	04.30	PO	Attending Oil Leakage
Deepnagar Taptitanda	IntraState	03/04/2018	05.55		Continued.	T	Distance Protection Y & B phase
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kalwa - Siemens	IntraState	02/04/2018	09.15	02/04/2018	16.55	PO	Safty Purpose
Kharghar-Borivali ckt I	IntraState	02/04/2018	09.15	02/04/2018	18.50	PO	Safty purpose
Miraj - Tilwani	IntraState	02/04/2018	09.45	02/04/2018	18.57	PO	Replacement work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
100MVA ICT - I @ Boisar-II	IntraState	26/03/2018	13.54		Continued.	T	Buccholz Protection Optd
220/132kv 200MVA ICT-I@ Tilawani	IntraState	02/04/2018	09.53	02/04/2018	12.59	PO	Routine Maintenance Work
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	02/04/2018	11.30	02/04/2018	15.20	PO	ICT painting work

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