

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Apr/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.687	582.603	1) Gujrat	-1.728	-9.260
2) Hydro	30.590	92.414	2) Madhya Pradesh	17.038	72.099
3) Gas	7.314	35.662	3) Chattisgarh	6.410	25.960
Total MSPGCL	184.591	710.679	4) Maharashtra Net	126.726	505.073
B) 1) APML	41.538	158.748	5) Goa (Amona)	-0.572	-2.354
2) JSWEL	20.524	75.185	Total	147.874	591.518
3) VIPL	5.080	20.496	a) Mumbai Schedule	23.350	89.729
4) RPL(AMT)	19.895	76.267	b) Mumbai Drawl	27.823	105.145
5) WPCL	4.832	18.763	c) MSEDCL Bilateral *	42.211	153.231
6) PGPL	0.000	0.000	Include PX	12.598	32.620
7) Other IPP	13.224	53.144	d) Mumbai Bilateral *	23.350	89.729
C) 1) TPCL Thermal	16.603	62.685	Include PX	6.106	23.117
2) TPCL Hydro	4.406	16.316	Include Standby	0.000	0.000
3) TPCL Gas	3.933	14.378	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.029	45.555	1) MSEDCL	425.998	1667.982
D) STATE			2) Mumbai Discoms	64.794	244.083
1) Thermal	280.412	1093.446	TOTAL STATE	490.792	1912.065
(A1+C1+C4+(B1-B6))					
2) Hydro	34.996	108.730			
(A2+C2)					
3) Gas	11.247	50.040			
(A3+B6+C3)					
4) Wind	11.080	46.852			
6) SOLAR	5.183	21.475			
TOTAL STATE	342.918	1320.543			

* 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	6085	6090	6074	6248
MSPGCL Hydro	1380	1780	1625	469
MSPGCL Gas	281	278	284	321
MSPGCL Total Generation	7746	8148	7983	7038
Central Sector Receipt	7144	7357	5660	5496
WIND	419	312	339	676
CPP / IPP Thermal	4380	4399	4388	4271
CPP / IPP Gas	0	0	0	0
SOLAR	702	441	0	0
Exchange with Mumbai	-1630	-1597	-1163	-664
MSEDCL DEMAND MET	18761	19060	17207	16817
Load Shedding	0	0	0	0
MSEDCL DEMAND	18761	19060	17207	16817
TPCL GENERATION	1137	1128	1272	817
R-INFRA GENERATION	498	502	502	503
MUMBAI DEMAND	3265	3227	2937	1984
STATE DEMAND MET	22026	22287	20144	18801
STATE DEMAND	22026	22287	20144	18801
Frequency (Hz)	49.93	49.93	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 06:03 Hrs	49.81 Hz at 04:12 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 04/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	8.88	35.74	405	340
Unit 9	8.98	35.87	401	342
Unit 10	8.91	35.76	401	340
Total	26.77	107.38		
Bhusawal				
Unit 3	4.64	18.10	200	190
Unit 4	11.64	46.54	500	470
Unit 5	11.73	46.70	500	460
Total	28.00	111.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.96	22.97	250	231
Unit 7	5.95	22.86	252	234
Unit 8	5.11	19.92	223	196
Total	17.02	65.74		
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	10.13	42.42	460	119
Unit 8	10.46	41.42	450	411
Unit 9	10.45	40.83	445	423
Total	31.04	124.67		
Paras				
Unit 3	5.16	22.27	230	193
Unit 4	0.00	7.98	0	0
Total	5.16	30.25		
Khaparkheda				
Unit 1	3.82	5.52	165	150
Unit 2	4.60	18.43	195	190
Unit 3	4.41	17.58	190	175
Unit 4	5.03	20.05	210	200
Unit 5	11.61	46.38	500	450
Total	29.47	107.98		
Nasik				
Unit 3	4.68	17.20	198	191
Unit 4	0.00	0.32	0	0
Unit 5	4.53	17.73	195	172
Total	9.21	35.25		
Uran				
All Units	7.31	35.66	454	267
Total	7.31	35.66		
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)	0.08	1.20	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	1.20		
Koyna				
Stage 1-2	5.17	19.67	490	40
Stage 4	15.34	38.89	1015	124
Stage 3	4.54	13.15	310	0
Total	25.06	71.71		
Hydro				
KDPH	0.86	3.46	36	36
VTRNA	1.03	4.51	61	0
TILLARI	0.42	1.68	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	0.78	80	0
RNGR+BHTSA	0.32	0.96	14	13
BHANDARDRA	0.48	1.91	34	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.33	3.99	56	55
GHATGHAR	0.88	3.42	250	0
Total	5.53	20.71		
Wind				
Total	11.08	46.85	0	0
Total	11.08	46.85		
CPP				
APML(Mus)	41.54	158.75	0	0
JSWEL(Mus)	20.52	75.18	0	0
VIPL(Mus)	5.08	20.50	0	0
RPLAMT(Mus)	19.90	76.27	0	0
WPCL(Mus)	4.83	18.76	0	0
Other(Mus)	13.22	53.14	0	0
Total	105.09	402.60		
SOLAR				
Total	5.18	21.48	0	0
Total	5.18	21.48		
Tata				
Trombay 5	11.40	42.19	487	467
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.43	8.71	115	73
Trombay 7B	1.50	5.67	68	53
Trombay 8	5.20	20.50	218	216
TATA Hydro	4.41	16.32	405	0
Total	24.94	93.38		
R-INFRA				
DTPS U-1&2	12.03	45.56	503	498
Total	12.03	45.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.69	582.60	MSPGCL Total	184.59	710.68
			MSPGCL Thml+Gas	154.00	618.26	Koyna 1,2 & 4 Total	20.51	58.56
			MSPGCL Hydro	30.59	92.41	State Total	342.92	1320.54

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	6230	736	442	7408	663	4382	0	0	5453	5494	-963	16984	0	16984	2428	19412	49.93
2	6237	909	451	7597	632	4356	0	0	5353	5474	-778	17281	0	17281	2216	19497	49.93
3	6240	724	454	7418	650	4269	0	0	5371	5350	-725	16962	0	16962	2074	19036	49.97
4	6248	469	321	7038	676	4271	0	0	5341	5496	-664	16817	0	16817	1984	18801	49.96
5	6248	919	291	7458	669	4287	0	0	5296	5173	-624	16963	0	16963	1951	18914	49.90
6	6246	1694	293	8233	478	4347	0	0	5404	5651	-694	18015	0	18015	2028	20043	49.96
7	6203	1930	284	8417	435	4417	0	2	6281	6395	-774	18892	0	18892	2127	21019	49.98
8	6241	1756	305	8302	273	4417	0	124	6270	6444	-848	18712	0	18712	2260	20972	50.04
9	6254	1385	290	7929	233	4383	0	340	5908	6065	-1114	17836	0	17836	2564	20400	49.99
10	6226	1474	286	7986	368	4425	0	518	5879	5929	-1334	17892	0	17892	2918	20810	49.96
11	6122	1570	271	7963	368	4413	0	650	6227	6128	-1520	18002	0	18002	3164	21166	49.99
12	6085	1380	281	7746	419	4380	0	702	7166	7144	-1630	18761	0	18761	3265	22026	49.93
13	6129	1158	279	7566	373	4384	0	754	7353	7329	-1616	18790	0	18790	3248	22038	49.94
14	6127	1119	267	7513	316	4368	0	693	7063	7234	-1563	18561	0	18561	3155	21716	49.95
15	6115	1209	276	7600	305	4374	0	572	7392	7472	-1610	18713	0	18713	3216	21929	49.90
16	6090	1780	278	8148	312	4399	0	441	7495	7357	-1597	19060	0	19060	3227	22287	49.93
17	6097	1859	269	8225	317	4427	0	275	7142	7201	-1527	18918	0	18918	3181	22099	49.95
18	6074	2174	280	8528	293	4406	0	109	5969	6240	-1292	18284	0	18284	3066	21350	50.01
19	6061	1126	271	7458	312	4381	0	3	5869	5972	-1244	16882	0	16882	2943	19825	49.99
20	6074	1625	284	7983	339	4388	0	0	5654	5660	-1163	17207	0	17207	2937	20144	49.95
21	5946	1131	294	7371	500	4403	0	0	5729	5635	-1120	16789	0	16789	2814	19603	49.99
22	5677	759	284	6720	749	4387	0	0	5801	5744	-1117	16483	0	16483	2708	19191	49.99
23	5824	879	276	6979	766	4425	0	0	5579	5682	-1106	16746	0	16746	2685	19431	49.90
24	5893	825	287	7005	634	4401	0	0	5639	5604	-1200	16444	0	16444	2635	19079	49.94
MUs	146.69	30.59	7.31	184.59	11.08	105.09	0.00	5.18	146.63	147.87	-27.82	426.00	0.00	426.00	64.79	490.79	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 04/Apr/2018

Position as on 6.30 Hrs of 05/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	
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	21.41		Continued.	Furnace Pressure High	
MSPGCL	Uran Unit 6	108	04/04/2018	03.19		Continued.	inspection work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 05/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 II	InterState	02/04/2018	17.46	04/04/2018	10.23	HT	Over Voltage
Dabhol Nagothane I	InterState	04/04/2018	08.40	04/04/2018	19.43	PO	cold insulator washing work.
Koradi Satpur	InterState	04/04/2018	10.25	04/04/2018	17.13	EO	Attending Hot Spot
Dhule Sar'Sarovar I	InterState	04/04/2018	18.03		Continued.	HT	Over Voltage
Deepnagar Taptitanda	IntraState	03/04/2018	05.55	04/04/2018	20.14	T	Distance Protection Y & B phase
Bhusawal-Aurangabad	IntraState	03/04/2018	21.07	04/04/2018	05.58	HT	Over Voltage
karad -kolhapur-II	IntraState	04/04/2018	09.49	04/04/2018	17.36	PO	Testing Work
Khadka-Aurangabad (Waluj)	IntraState	04/04/2018	20.30	05/04/2018	06.35	HT	Over Voltage
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.
400/220kV 167MVA SPARE ICT-III @ Lonikand	IntraState	04/04/2018	09.24	04/04/2018	17.35	PO	Half yearly 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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
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)
Uran - Kharghar I	IntraState	04/04/2018	02.46	04/04/2018	09.44	T	Distance Protection
Chalisgaon - Deepnagar	IntraState	04/04/2018	06.40	04/04/2018	09.45	PO	Tan Delta Measurment of CTs
Khadka-Bhadli-2	IntraState	04/04/2018	08.32	04/04/2018	10.25	PO	for attending red hot at y ph lightning arrester at conductor side.
Chandrapur GCR - Warora - I	IntraState	04/04/2018	09.05	04/04/2018	14.04	PO	Routine Maintenance Work
Beed-Patoda Ckt 1	IntraState	04/04/2018	09.20	04/04/2018	11.24	PO	Quarterly Maintainance Work
Peth- Mudshingi -I	IntraState	04/04/2018	10.12	04/04/2018	12.28	PO	Quarterly Maintainance Work
Lamboti - Solapur li(Bale) Ckt- I	IntraState	04/04/2018	10.12	04/04/2018	12.47	PO	Quarterly Maintainance Work
Khadka-Chalisgaon-1	IntraState	04/04/2018	10.38	04/04/2018	11.20	T	breaker problem.
Shivajinagar - Malegaon	IntraState	04/04/2018	16.03	04/04/2018	17.48	EO	Attending Hot Spot
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
220/110kV 100MVA ICT-II@ Wathar	IntraState	04/04/2018	10.48	04/04/2018	16.20	PO	Routine Maintenance Work
220/6.6kV 40MVA STN T/F-III @ Khaperkheda	IntraState	04/04/2018	12.09		Continued.	T	relay retrofitting work at generation end.
132 KV LINE Outages/Trippings							
Chalisgaon - Manmad	IntraState	04/04/2018	14.35		Continued.	T	Distance Protection

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/2018

Statement-VII

Position as on 6.30 Hrs of 05/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Amravati-Chandur-Bazar	IntraState	04/04/2018	17.28	04/04/2018	17.34	T	Distance Protection