

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Apr/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.169	1701.045	1) Gujrat	-1.644	-26.287
2) Hydro	15.212	197.216	2) Madhya Pradesh	19.802	226.353
3) Gas	10.289	118.956	3) Chattisgarh	7.980	83.530
Total MSPGCL	166.670	2017.217	4) Maharashtra Net	132.428	1554.715
B) 1) APML	46.284	528.728	5) Goa (Amona)	-0.264	-5.302
2) JSWEL	15.240	222.721	Total	158.302	1833.009
3) VIPL	5.057	60.986	a) Mumbai Schedule	26.659	290.860
4) RPL(AMT)	24.809	271.582	b) Mumbai Drawl	30.628	339.799
5) WPCL	5.592	62.428	c) MSEDCL Bilateral *	37.352	456.338
6) PGPL	0.000	0.000	Include PX	5.357	93.220
7) Other IPP	12.510	154.722	d) Mumbai Bilateral *	26.659	290.860
C) 1) TPCL Thermal	15.418	184.234	Include PX	9.522	84.858
2) TPCL Hydro	5.146	52.592	Include Standby	0.000	0.000
3) TPCL Gas	4.336	47.017	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.283	134.288	1) MSEDCL	417.313	4999.446
D) STATE			2) Mumbai Discoms	66.811	757.934
1) Thermal	277.362	3320.734	TOTAL STATE	484.124	5757.380
(A1+C1+C4+(B1-B6))					
2) Hydro	20.358	249.808			
(A2+C2)					
3) Gas	14.625	165.973			
(A3+B6+C3)					
4) Wind	8.068	124.832			
6) SOLAR	5.409	63.020			
TOTAL STATE	325.822	3924.367			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6048	6062	6077	5397
MSPGCL Hydro	899	1139	970	219
MSPGCL Gas	431	420	425	433
MSPGCL Total Generation	7378	7621	7472	6049
Central Sector Receipt	6976	7336	5996	6438
WIND	173	320	288	377
CPP / IPP Thermal	4560	4560	4593	4340
CPP / IPP Gas	0	0	0	0
SOLAR	774	450	4	0
Exchange with Mumbai	-1549	-1482	-1403	-1025
MSEDCL DEMAND MET	18312	18805	16950	16179
Load Shedding	0	0	0	0
MSEDCL DEMAND	18312	18805	16950	16179
TPCL GENERATION	1277	1306	1115	682
R-INFRA GENERATION	501	498	497	375
MUMBAI DEMAND	3327	3286	3015	2082
STATE DEMAND MET	21639	22091	19965	18261
STATE DEMAND	21639	22091	19965	18261
Frequency (Hz)	49.99	49.95	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18:00 Hrs	49.68 Hz at 22:18 Hrs	49.97	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 12/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	9.14	109.74	400	350
Unit 9	10.07	114.21	483	351
Unit 10	9.86	113.36	451	350
Total	29.06	337.31		
Bhusawal				
Unit 3	4.49	53.82	200	155
Unit 4	10.85	135.05	490	355
Unit 5	11.18	136.95	500	355
Total	26.52	325.82		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.58	67.62	245	188
Unit 7	5.45	65.84	241	194
Unit 8	0.00	54.12	0	0
Total	11.03	187.58		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	16.49	0	0
Unit 6	0.00	0.00	0	0
Unit 7	10.68	127.52	455	433
Unit 8	10.88	87.21	470	437
Unit 9	10.89	122.26	468	444
Total	32.45	353.48		
Paras				
Unit 3	5.86	67.31	255	202
Unit 4	5.40	34.06	243	190
Total	11.25	101.37		
Khaparkheda				
Unit 1	3.65	36.42	165	130
Unit 2	3.84	53.11	160	160
Unit 3	3.88	35.33	170	150
Unit 4	3.83	56.90	165	155
Unit 5	11.32	119.06	500	440
Total	26.52	300.82		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	0.00	0.32	0	0
Unit 5	4.33	52.68	196	154
Total	4.33	94.67		
Uran				
All Units	10.29	118.96	446	406
Total	10.29	118.96		
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)	0.00	1.53	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.53		
Koyna				
Stage 1-2	4.74	49.68	485	40
Stage 4	3.80	67.36	617	0
Stage 3	2.49	26.01	240	0
Total	11.04	143.05		
Hydro				
KDPH	0.86	10.37	36	36
VTRNA	1.05	12.42	61	0
TILLARI	0.30	4.49	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	2.59	40	0
RNGR+BHTSA	0.28	3.34	12	11
BHANDARDRA	0.49	5.80	40	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	8.17	17	16
GHATGHAR	0.52	6.98	125	0
Total	4.17	54.16		
Wind				
Total	8.07	124.83	0	0
Total	8.07	124.83		
CPP				
APML(Mus)	46.28	528.73	0	0
JSWEL(Mus)	15.24	222.72	0	0
VIPL(Mus)	5.06	60.99	0	0
RPLAMT(Mus)	24.81	271.58	0	0
WPCL(Mus)	5.59	62.43	0	0
Other(Mus)	12.51	154.72	0	0
Total	109.49	1301.17		
SOLAR				
Total	5.41	63.02	0	0
Total	5.41	63.02		
Tata				
Trombay 5	10.31	123.13	488	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	29.09	117	109
Trombay 7B	1.59	17.93	68	64
Trombay 8	5.11	61.10	218	199
TATA Hydro	5.15	52.59	459	0
Total	24.90	283.84		
R-INFRA				
DTPS U-1&2	11.28	134.29	501	375
Total	11.28	134.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.17	1701.04	MSPGCL Total	166.67	2017.22
			MSPGCL Thml+Gas	151.46	1820.00	Koyna 1,2 & 4 Total	8.55	117.04
			MSPGCL Hydro	15.21	197.22	State Total	325.82	3924.37

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Apr/2018

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	5392	199	442	6033	885	4322	0	0	5907	6498	-1440	16298	0	16298	2581	18879	49.97
2	5349	349	432	6130	939	4342	0	0	5687	6134	-1229	16316	0	16316	2353	18669	49.94
3	5380	179	434	5993	693	4341	0	0	5589	6302	-1129	16200	0	16200	2189	18389	49.97
4	5397	219	433	6049	377	4340	0	0	5500	6438	-1025	16179	0	16179	2082	18261	50.02
5	5723	213	433	6369	299	4349	0	0	5607	6541	-983	16575	0	16575	2040	18615	50.02
6	5789	215	446	6450	166	4544	0	0	6010	6551	-856	16855	0	16855	2095	18950	49.95
7	5913	477	435	6825	88	4777	0	4	6547	7205	-736	18163	0	18163	2176	20339	50.01
8	5989	279	435	6703	77	4750	0	168	6445	7055	-897	17856	0	17856	2319	20175	50.02
9	6004	352	433	6789	96	4668	0	339	6287	6709	-1167	17434	0	17434	2617	20051	50.00
10	6059	649	429	7137	118	4622	0	566	6441	6225	-1401	17267	0	17267	2974	20241	49.98
11	6060	581	425	7066	143	4600	0	725	6648	6704	-1550	17688	0	17688	3226	20914	50.00
12	6048	899	431	7378	173	4560	0	774	6974	6976	-1549	18312	0	18312	3327	21639	49.99
13	6056	830	406	7292	152	4559	0	822	7384	7196	-1579	18442	0	18442	3305	21747	49.97
14	6054	852	420	7326	150	4562	0	667	7195	7366	-1549	18522	0	18522	3195	21717	50.00
15	6056	987	419	7462	195	4569	0	548	7240	7359	-1514	18619	0	18619	3267	21886	49.99
16	6062	1139	420	7621	320	4560	0	450	7276	7336	-1482	18805	0	18805	3286	22091	49.95
17	6053	1312	411	7776	536	4566	0	238	7091	7112	-1458	18770	0	18770	3257	22027	49.88
18	6073	1460	422	7955	323	4575	0	104	6337	6444	-1383	18018	0	18018	3170	21188	50.00
19	6077	970	425	7472	288	4593	0	4	5820	5996	-1403	16950	0	16950	3015	19965	50.00
20	6092	800	428	7320	333	4604	0	0	6149	6012	-1339	16930	0	16930	3016	19946	49.95
21	6072	421	429	6922	391	4654	0	0	6102	6108	-1198	16877	0	16877	2899	19776	49.95
22	5861	405	430	6696	430	4652	0	0	6046	5883	-1213	16448	0	16448	2815	19263	49.93
23	5822	908	439	7169	425	4672	0	0	6102	5972	-1239	16999	0	16999	2801	19800	49.89
24	5788	517	432	6737	471	4705	0	0	6152	6180	-1309	16784	0	16784	2806	19590	49.97
MUs	141.17	15.21	10.29	166.67	8.07	109.49	0.00	5.41	152.54	158.30	-30.63	417.31	0.00	417.31	66.81	484.12	49.97

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 12/Apr/2018

Position as on 6.30 Hrs of 13/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
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 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	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	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
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	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
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	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	10/04/2018	10.37		Continued.	Air heater problem	
IPP	Adani U-4	660	10/04/2018	13.12	13/04/2018	01.10	Pa dust bellow leakage.	
CENT.SECTOR	Tarapur 1	160	11/04/2018	21.35	13/04/2018	06.29	Drywell.	
MSPGCL	Parli Unit 8	250	11/04/2018	23.59		Continued.	HEAVY STEAM LEAKAGE AT HP HITTER SIX.	
IPP	JSW (J) U4	300	12/04/2018	09.05	12/04/2018	18.27	Condenser DP high	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 13/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	13/04/2018	01.14	13/04/2018	05.21	EO	To attend Minor water leakage Y Phase Pole-I valve hall
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	11/04/2018	18.00	12/04/2018	05.51	HT	Over Voltage
Wardha (Pg) Warora I	InterState	12/04/2018	16.03	12/04/2018	16.50	PO	SF6 Gas Filling in CB at wardha PG end
Dhule Sar'Sarovar II	InterState	12/04/2018	18.30	13/04/2018	06.16	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	11/04/2018	20.45	12/04/2018	05.56	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	12/04/2018	08.08		Continued.	PO	Cold Line Insulator Washing work
Chandrapur - Khaperkheda	IntraState	12/04/2018	10.27	12/04/2018	19.43	PO	PMU Commissioning work
Girwali- Lonikand 2	IntraState	12/04/2018	12.47	12/04/2018	19.28	PO	Isolator Alignment problem
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.
500 MVA ICT I @ Kudus	IntraState	11/04/2018	15.20		Continued.	PO	Rapid Restoration Scheme Checking 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.
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)
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	12/04/2018	08.32	12/04/2018	12.16	PO	Repl.of Faulty Disc Insulator
Niwali - Pawas Line	IntraState	12/04/2018	08.42	12/04/2018	16.16	PO	Insulator Washing work
512 Khadki- Century Enka	IntraState	12/04/2018	10.04	12/04/2018	14.04	PO	Line Maintenance work
Nagothane-Wadkhali-I	IntraState	12/04/2018	10.13	12/04/2018	18.17	PO	Line Maintenance work
Parli 2-(Girwali) -Murud	IntraState	12/04/2018	10.16	12/04/2018	15.08	PO	Tan Delta Measurment of CTs
Theur-Phursungi	IntraState	12/04/2018	10.19	12/04/2018	18.02	PO	Testing Work
Gadchandur - Virur-I	IntraState	12/04/2018	12.50	12/04/2018	18.02	PO	For checking of control cable from CB poles to CR pannels
Lonikand-II- Kathapur	IntraState	12/04/2018	14.02	12/04/2018	16.09	PO	Repl.of Flashover Disc Insulator
Kharepatan -Pawas Line	IntraState	12/04/2018	14.05		Continued.	T	Distance Protection
Shivajinagar - Malegaon	IntraState	12/04/2018	17.21	12/04/2018	17.43	T	Distance Protection
Midc Chandrapur-Gadchandur	IntraState	12/04/2018	20.04	12/04/2018	20.45	PO	Sparking on B phase Jumper
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)
132 KV LINE Outages/Trippings							
Waghala (Nanded2) - Elichpur	IntraState	11/04/2018	22.17	12/04/2018	07.40	T	Y phase LA Burst

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