

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Apr/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.479	873.373	1) Gujrat	-1.748	-12.536
2) Hydro	14.130	122.224	2) Madhya Pradesh	18.593	108.830
3) Gas	10.638	56.141	3) Chattisgarh	6.390	39.210
Total MSPGCL	168.247	1051.738	4) Maharashtra Net	127.957	764.660
B) 1) APML	48.239	248.433	5) Goa (Amona)	-0.352	-3.300
2) JSWEL	19.710	115.323	Total	150.840	896.864
3) VIPL	5.058	30.622	a) Mumbai Schedule	26.505	139.004
4) RPL(AMT)	26.707	126.773	b) Mumbai Drawl	28.081	160.792
5) WPCL	5.730	30.233	c) MSEDCL Bilateral *	39.159	235.619
6) PGPL	0.000	0.000	Include PX	7.770	54.925
7) Other IPP	13.877	81.221	d) Mumbai Bilateral *	26.505	139.004
C) 1) TPCL Thermal	16.129	95.129	Include PX	8.840	37.521
2) TPCL Hydro	5.330	27.237	Include Standby	0.000	0.000
3) TPCL Gas	3.988	22.499	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.739	69.078	1) MSEDCL	422.840	2520.476
D) STATE			2) Mumbai Discoms	65.265	374.737
1) Thermal	290.668	1670.185	TOTAL STATE	488.105	2895.213
(A1+C1+C4+(B1-B6))					
2) Hydro	19.460	149.461			
(A2+C2)					
3) Gas	14.626	78.640			
(A3+B6+C3)					
4) Wind	8.530	69.382			
6) SOLAR	3.983	30.679			
TOTAL STATE	337.267	1998.347			

* 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	6046	6079	6013	5849
MSPGCL Hydro	961	709	293	190
MSPGCL Gas	423	428	449	459
MSPGCL Total Generation	7430	7216	6755	6498
Central Sector Receipt	6590	7145	5992	5787
WIND	313	333	231	438
CPP / IPP Thermal	4960	5084	5206	4786
CPP / IPP Gas	0	0	0	0
SOLAR	588	354	0	0
Exchange with Mumbai	-1471	-1400	-1335	-683
MSEDCL DEMAND MET	18410	18732	16849	16826
Load Shedding	0	0	0	0
MSEDCL DEMAND	18410	18732	16849	16826
TPCL GENERATION	1315	1305	1114	846
R-INFRA GENERATION	501	501	502	503
MUMBAI DEMAND	3287	3206	2951	2032
STATE DEMAND MET	21697	21938	19800	18858
STATE DEMAND	21697	21938	19800	18858
Frequency (Hz)	49.91	49.93	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 17.45 Hrs	49.69 Hz at 14.17 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 06/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	9.26	54.88	422	360
Unit 9	9.06	54.64	400	356
Unit 10	9.64	54.72	450	360
Total	27.96	164.24		
Bhusawal				
Unit 3	4.64	27.45	200	190
Unit 4	11.39	69.38	495	440
Unit 5	11.72	70.23	500	465
Total	27.74	167.06		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.84	34.71	250	236
Unit 7	5.76	34.60	252	234
Unit 8	5.20	29.99	231	199
Total	16.80	99.30		
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	10.67	63.66	456	433
Unit 8	10.48	62.42	465	410
Unit 9	10.44	61.67	440	420
Total	31.59	187.76		
Paras				
Unit 3	5.84	33.27	249	235
Unit 4	0.00	7.98	0	0
Total	5.84	41.25		
Khaparkheda				
Unit 1	3.84	13.15	165	150
Unit 2	4.15	26.86	195	150
Unit 3	0.27	22.17	155	0
Unit 4	4.45	29.00	210	155
Unit 5	11.54	68.88	500	450
Total	24.23	160.05		
Nasik				
Unit 3	4.76	26.65	200	194
Unit 4	0.00	0.32	0	0
Unit 5	4.54	26.75	202	178
Total	9.31	53.72		
Uran				
All Units	10.64	56.14	459	423
Total	10.64	56.14		
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)	0.13	1.38	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	1.38		
Koyna				
Stage 1-2	4.85	29.04	405	40
Stage 4	3.65	47.64	591	0
Stage 3	1.96	17.03	184	0
Total	10.45	93.70		
Hydro				
KDPH	0.86	5.18	36	36
VTRNA	1.00	6.92	61	0
TILLARI	0.12	1.80	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	1.34	80	0
RNGR+BHTSA	0.32	1.59	14	13
BHANDARDRA	0.48	2.86	35	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	5.39	27	26
GHATGHAR	0.00	3.42	0	0
Total	3.68	28.52		
Wind				
Total	8.53	69.38	0	0
Total	8.53	69.38		
CPP				
APML(Mus)	48.24	248.43	0	0
JSWEL(Mus)	19.71	115.32	0	0
VIPL(Mus)	5.06	30.62	0	0
RPLAMT(Mus)	26.71	126.77	0	0
WPCL(Mus)	5.73	30.23	0	0
Other(Mus)	13.88	81.22	0	0
Total	119.32	632.60		
SOLAR				
Total	3.98	30.68	0	0
Total	3.98	30.68		
Tata				
Trombay 5	10.97	64.28	485	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	13.78	114	61
Trombay 7B	1.51	8.72	67	49
Trombay 8	5.16	30.85	220	200
TATA Hydro	5.33	27.24	435	48
Total	25.45	144.86		
R-INFRA				
DTPS U-1&2	11.74	69.08	503	376
Total	11.74	69.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.48	873.37	MSPGCL Total	168.25	1051.74
			MSPGCL Thml+Gas	154.12	929.51	Koyna 1,2 & 4 Total	8.50	76.68
			MSPGCL Hydro	14.13	122.22	State Total	337.27	1998.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	5936	562	452	6950	604	4817	0	0	5953	5987	-1012	17346	0	17346	2499	19845	49.88
2	5910	450	455	6815	617	4810	0	0	6025	5578	-865	16955	0	16955	2283	19238	49.94
3	5826	405	446	6677	583	4785	0	0	5845	5571	-777	16839	0	16839	2131	18970	49.99
4	5849	190	459	6498	438	4786	0	0	5824	5787	-683	16826	0	16826	2032	18858	49.99
5	5830	493	456	6779	485	4799	0	0	5807	5665	-659	17069	0	17069	2006	19075	49.98
6	5840	816	456	7112	476	4808	0	0	6265	6470	-661	18205	0	18205	2066	20271	49.91
7	5864	1122	458	7444	437	4973	0	8	6683	6506	-698	18670	0	18670	2159	20829	49.98
8	5957	1038	449	7444	410	4957	0	126	6613	6651	-845	18743	0	18743	2292	21035	49.98
9	6022	350	456	6828	367	4885	0	252	6325	6623	-1102	17853	0	17853	2593	20446	49.96
10	6019	660	439	7118	299	4901	0	393	6177	6370	-1251	17830	0	17830	2927	20757	49.90
11	6073	730	429	7232	345	4880	0	517	6456	6337	-1432	17879	0	17879	3188	21067	49.96
12	6046	961	423	7430	313	4960	0	588	6870	6590	-1471	18410	0	18410	3287	21697	49.91
13	6071	992	425	7488	261	4973	0	545	7054	6855	-1447	18675	0	18675	3251	21926	49.95
14	6122	884	427	7433	256	4961	0	464	6890	6885	-1362	18637	0	18637	3129	21766	49.98
15	6106	884	428	7418	322	5027	0	423	7137	6832	-1393	18629	0	18629	3180	21809	49.89
16	6079	709	428	7216	333	5084	0	354	7174	7145	-1400	18732	0	18732	3206	21938	49.93
17	6098	668	429	7195	297	5109	0	228	7127	7044	-1405	18468	0	18468	3169	21637	49.96
18	6050	580	442	7072	236	5071	0	84	6443	6555	-1336	17682	0	17682	3064	20746	50.05
19	6046	269	445	6760	222	5083	0	1	6202	6019	-1418	16667	0	16667	2945	19612	50.00
20	6013	293	449	6755	231	5206	0	0	5939	5992	-1335	16849	0	16849	2951	19800	50.00
21	6039	270	441	6750	269	5191	0	0	5815	5876	-1337	16749	0	16749	2841	19590	50.02
22	5963	245	453	6661	265	5123	0	0	5762	5781	-1513	16317	0	16317	2718	19035	50.02
23	5845	342	452	6639	240	5062	0	0	5806	5757	-1383	16315	0	16315	2677	18992	49.90
24	5875	217	441	6533	224	5063	0	0	5852	5964	-1296	16488	0	16488	2673	19161	49.89
MUs	143.48	14.13	10.64	168.25	8.53	119.32	0.00	3.98	152.04	150.84	-28.08	422.84	0.00	422.84	65.27	488.11	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 06/Apr/2018

Position as on 6.30 Hrs of 07/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	06/04/2018	09:16	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	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	
MSPGCL	Khaparkheda Unit 3	210	06/04/2018	01.43		Continued.	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 06/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 07/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/Tripping							
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	04/04/2018	18.03	06/04/2018	08.43	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	06/04/2018	10.03		Continued.	PO	Work At SSNL End Now CKT REC.
Nagothane - Dabhol-II	IntraState	06/04/2018	14.19	06/04/2018	21.39	PO	Cold Line Insulator Washing Work.
Khadka-Aurangabad (Waluj)	IntraState	06/04/2018	20.06		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	06/04/2018	18.10	06/04/2018	19.48	EO	Attending Hot Spot
220 KV LINE Outages/Tripping							
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)
Ghatghar - Bapgaon	IntraState	05/04/2018	21.11	06/04/2018	02.50	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	06/04/2018	05.05	06/04/2018	06.15	HT	Plastic Paper removing Work.
Trombay - Kalwa	IntraState	06/04/2018	08.09	06/04/2018	17.57	PO	Isolator Maintenance Work.
TBC @ Deepnagar	IntraState	06/04/2018	11.30	06/04/2018	15.10	PO	Tan Delta Measurment of CTs
Deepnagar Amalner	IntraState	06/04/2018	11.58	06/04/2018	16.59	PO	Jumper Replacement Work.
Dondaicha(220)-Amalner(220)	IntraState	06/04/2018	15.21	06/04/2018	15.54	T	Distance Protection
220 KV ICT Outages/Tripping							
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	Bucchoz Protection Optd
132 KV LINE Outages/Tripping							
Chalishgaon - Manmad	IntraState	04/04/2018	14.35		Continued.	T	Distance Protection
Mansar-Pench	IntraState	06/04/2018	16.45		Continued.	HT	Over Voltage

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