

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 05/Apr/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.291	729.894	1) Gujrat	-1.528	-10.788
2) Hydro	15.680	108.094	2) Madhya Pradesh	18.138	90.237
3) Gas	9.841	45.503	3) Chattisgarh	6.860	32.820
Total MSPGCL	172.812	883.491	4) Maharashtra Net	131.630	636.703
B) 1) APML	41.446	200.194	5) Goa (Amona)	-0.594	-2.948
2) JSWEL	20.428	95.613	Total	154.506	746.024
3) VIPL	5.068	25.564	a) Mumbai Schedule	22.771	112.500
4) RPL(AMT)	23.799	100.066	b) Mumbai Drawl	27.566	132.711
5) WPCL	5.740	24.503	c) MSEDCL Bilateral *	43.230	196.461
6) PGPL	0.000	0.000	Include PX	14.534	47.155
7) Other IPP	14.200	67.344	d) Mumbai Bilateral *	22.771	112.500
C) 1) TPCL Thermal	16.315	79.000	Include PX	5.563	28.680
2) TPCL Hydro	5.591	21.907	Include Standby	0.000	0.000
3) TPCL Gas	4.133	18.511	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.784	57.339	1) MSEDCL	429.654	2097.636
D) STATE			2) Mumbai Discoms	65.389	309.472
1) Thermal	286.071	1379.517	TOTAL STATE	495.043	2407.108
(A1+C1+C4+(B1-B6))					
2) Hydro	21.271	130.001			
(A2+C2)					
3) Gas	13.974	64.014			
(A3+B6+C3)					
4) Wind	14.000	60.852			
6) SOLAR	5.221	26.696			
TOTAL STATE	340.537	1661.080			

* 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	6327	6209	6128	6106
MSPGCL Hydro	357	1034	365	399
MSPGCL Gas	425	422	430	317
MSPGCL Total Generation	7109	7665	6923	6822
Central Sector Receipt	7416	7785	5708	5853
WIND	471	352	900	702
CPP / IPP Thermal	4699	4712	4798	4355
CPP / IPP Gas	0	0	0	0
SOLAR	767	400	8	0
Exchange with Mumbai	-1520	-1414	-1267	-654
MSEDCL DEMAND MET	18942	19500	17070	17078
Load Shedding	0	0	0	0
MSEDCL DEMAND	18942	19500	17070	17078
TPCL GENERATION	1284	1331	1171	865
R-INFRA GENERATION	497	499	501	503
MUMBAI DEMAND	3301	3244	2939	2022
STATE DEMAND MET	22243	22744	20009	19100
STATE DEMAND	22243	22744	20009	19100
Frequency (Hz)	49.95	49.94	49.95	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.01 Hrs	49.73 Hz at 22.09 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 05/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	9.89	45.62	458	358
Unit 9	9.70	45.58	451	350
Unit 10	9.31	45.08	450	350
Total	28.90	136.28		
Bhusawal				
Unit 3	4.70	22.81	200	190
Unit 4	11.45	57.99	495	435
Unit 5	11.82	58.52	500	480
Total	27.97	139.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.90	28.88	250	218
Unit 7	5.98	28.83	256	239
Unit 8	4.87	24.79	225	179
Total	16.75	82.50		
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	10.57	52.99	451	430
Unit 8	10.52	51.95	445	430
Unit 9	10.40	51.23	442	417
Total	31.50	156.17		
Paras				
Unit 3	5.16	27.43	230	199
Unit 4	0.00	7.98	0	0
Total	5.16	35.40		
Khaparkheda				
Unit 1	3.79	9.32	165	150
Unit 2	4.28	22.70	190	155
Unit 3	4.32	21.90	199	157
Unit 4	4.50	24.56	210	150
Unit 5	10.95	57.34	490	440
Total	27.84	135.82		
Nasik				
Unit 3	4.68	21.89	200	191
Unit 4	0.00	0.32	0	0
Unit 5	4.48	22.21	195	167
Total	9.16	44.41		
Uran				
All Units	9.84	45.50	458	286
Total	9.84	45.50		
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)	0.06	1.26	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	1.26		
Koyna				
Stage 1-2	4.52	24.19	455	40
Stage 4	5.10	43.99	745	0
Stage 3	1.92	15.07	160	0
Total	11.54	83.25		
Hydro				
KDPH	0.86	4.32	36	36
VTRNA	1.42	5.93	61	43
TILLARI	0.00	1.68	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	1.08	80	0
RNGR+BHTSA	0.32	1.28	14	13
BHANDARDRA	0.48	2.39	35	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.76	4.75	32	31
GHATGHAR	0.00	3.42	0	0
Total	4.14	24.84		
Wind				
Total	14.00	60.85	0	0
Total	14.00	60.85		
CPP				
APML(Mus)	41.45	200.19	0	0
JSWEL(Mus)	20.43	95.61	0	0
VIPL(Mus)	5.07	25.56	0	0
RPLAMT(Mus)	23.80	100.07	0	0
WPCL(Mus)	5.74	24.50	0	0
Other(Mus)	14.20	67.34	0	0
Total	110.68	513.28		
SOLAR				
Total	5.22	26.70	0	0
Total	5.22	26.70		
Tata				
Trombay 5	11.13	53.32	481	327
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.59	11.30	114	80
Trombay 7B	1.54	7.21	67	55
Trombay 8	5.19	25.68	219	203
TATA Hydro	5.59	21.91	459	54
Total	26.04	119.42		
R-INFRA				
DTPS U-1&2	11.78	57.34	503	396
Total	11.78	57.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.29	729.89	MSPGCL Total	172.81	883.49
			MSPGCL Thml+Gas	157.13	775.40	Koyna 1,2 & 4 Total	9.62	68.18
			MSPGCL Hydro	15.68	108.09	State Total	340.54	1661.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	6044	1008	286	7338	635	4464	0	0	5539	5470	-1050	16857	0	16857	2511	19368	49.96
2	6046	822	288	7156	673	4460	0	0	5631	5604	-870	17023	0	17023	2276	19299	49.97
3	6099	398	291	6788	681	4339	0	0	5859	5996	-720	17084	0	17084	2121	19205	49.94
4	6106	399	317	6822	702	4355	0	0	5820	5853	-654	17078	0	17078	2022	19100	50.02
5	6077	663	372	7112	518	4372	0	0	5846	5963	-610	17355	0	17355	1994	19349	50.00
6	6092	889	442	7423	549	4431	0	0	6290	6443	-663	18183	0	18183	2063	20246	49.94
7	6090	1384	450	7924	538	4507	0	16	6678	6677	-732	18930	0	18930	2167	21097	49.99
8	6115	895	458	7468	481	4553	0	141	6554	6579	-858	18364	0	18364	2300	20664	50.02
9	6156	410	453	7019	462	4588	0	353	6321	6462	-1090	17794	0	17794	2602	20396	50.00
10	6156	377	447	6980	601	4587	0	561	6256	6483	-1257	17955	0	17955	2970	20925	49.97
11	6229	305	431	6965	585	4671	0	640	6771	6737	-1437	18161	0	18161	3210	21371	49.99
12	6327	357	425	7109	471	4699	0	767	7354	7416	-1520	18942	0	18942	3301	22243	49.95
13	6326	462	422	7210	336	4740	0	779	7482	7554	-1445	19174	0	19174	3270	22444	49.99
14	6310	641	426	7377	322	4569	0	687	7393	7540	-1347	19148	0	19148	3164	22312	49.97
15	6253	847	425	7525	326	4704	0	521	7569	7577	-1426	19227	0	19227	3220	22447	49.98
16	6209	1034	422	7665	352	4712	0	400	7656	7785	-1414	19500	0	19500	3244	22744	49.94
17	6098	1082	426	7606	511	4717	0	247	7559	7430	-1448	19063	0	19063	3191	22254	49.98
18	6086	954	427	7467	565	4731	0	101	6752	6660	-1337	18187	0	18187	3073	21260	50.00
19	6128	365	430	6923	900	4798	0	8	5892	5708	-1267	17070	0	17070	2939	20009	49.95
20	6125	394	432	6951	902	4842	0	0	5822	5631	-1297	17029	0	17029	2921	19950	49.98
21	6139	378	433	6950	786	4753	0	0	5769	5838	-1323	17004	0	17004	2803	19807	49.99
22	6178	386	447	7011	743	4699	0	0	5695	5753	-1328	16878	0	16878	2690	19568	49.98
23	5976	572	439	6987	722	4698	0	0	5607	5688	-1299	16796	0	16796	2672	19468	49.92
24	5926	658	452	7036	639	4690	0	0	5615	5650	-1174	16841	0	16841	2665	19506	49.93
MUs	147.29	15.68	9.84	172.81	14.00	110.68	0.00	5.22	153.73	154.50	-27.57	429.65	0.00	429.65	65.39	495.03	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 05/Apr/2018

Position as on 6.30 Hrs of 06/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	05/04/2018	06.57	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	
MSPGCL	Khaparkheda Unit 3	210	06/04/2018	01.43		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 06/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	04/04/2018	18.03		Continued.	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	05/04/2018	17.17	05/04/2018	20.17	T	Carrier received Group A & B Operated.
Khadka-Aurangabad (Waluj)	IntraState	04/04/2018	20.30	05/04/2018	06.35	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/04/2018	08.15	05/04/2018	18.12	PO	Quarterly Maintainance Work
Nagothane - Dabhol I	IntraState	05/04/2018	09.05	05/04/2018	20.09	PO	Cold Line Insulator Washing.
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.
400/220/33 kv 315 MVA ICT-I @Chandrapur	IntraState	05/04/2018	08.56	05/04/2018	20.27	PO	TAN Delta Testing 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.
Badnera - Deoli (PG)	InterState	05/04/2018	07.26	05/04/2018	12.26	PO	Disc Insulator Replacement Work
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)
Deepnagar Bambhori	IntraState	05/04/2018	07.10	05/04/2018	09.37	PO	Tan Delta Measurment of CTs
Phursungi-Parvati	IntraState	05/04/2018	07.24	05/04/2018	13.05	PO	Erection Of Mono Ploe Tower
Deoli(Pgcil)-Badnera	IntraState	05/04/2018	07.26	05/04/2018	12.26	PO	Disc Insulator Replacement Work
Dahanu Ghodbunder Line 1	IntraState	05/04/2018	08.15	05/04/2018	10.58	PO	Isolator String Replacement Work.
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	05/04/2018	09.58	05/04/2018	14.59	PO	Tan Delta Measurment of CTs
Deepnagar Amalner	IntraState	05/04/2018	10.07	05/04/2018	14.36	PO	Line Maintenance work
Chakan-Bhosari	IntraState	05/04/2018	12.15	05/04/2018	15.03	EO	Attending Hot Spot
Lonikand-II- Kathapur	IntraState	05/04/2018	12.41	05/04/2018	18.59	PO	Insulator Cleaning Work.
Ghatghar - Bapgaon	IntraState	05/04/2018	21.11	06/04/2018	02.50	T	Distance Protection
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
220/6.6kV 40MVA STN T/F-III @ Khaperkheda	IntraState	04/04/2018	12.09	05/04/2018	09.08	T	relay retrofitting work at generation end.
132 KV LINE Outages/Trippings							
Chalishgaon - 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