

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Apr/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.293	3869.784	1) Gujrat	-2.798	-62.867
2) Hydro	27.183	490.969	2) Madhya Pradesh	12.945	458.740
3) Gas	10.317	264.612	3) Chattisgarh	6.850	182.110
Total MSPGCL	188.793	4625.365	4) Maharashtra Net	127.914	3424.554
B) 1) APML	35.485	1248.097	5) Goa (Amona)	-0.770	-13.684
2) JSWEL	27.229	609.612	Total	144.141	3988.853
3) VIPL	7.483	162.425	a) Mumbai Schedule	27.633	697.931
4) RPL(AMT)	26.650	654.220	b) Mumbai Drawl	29.002	803.239
5) WPCL	2.817	142.464	c) MSEDCL Bilateral *	33.893	935.417
6) PGPL	0.000	0.000	Include PX	-2.269	61.437
7) Other IPP	11.316	333.830	d) Mumbai Bilateral *	27.633	697.061
C) 1) TPCL Thermal	17.020	422.065	Include PX	9.396	247.994
2) TPCL Hydro	5.202	126.280	Include Standby	0.000	0.870
3) TPCL Gas	3.874	110.003	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.988	304.990	1) MSEDCL	432.709	11446.531
D) STATE			2) Mumbai Discoms	67.086	1766.589
1) Thermal	291.281	7747.487	TOTAL STATE	499.795	13213.120
(A1+C1+C4+(B1-B6))					
2) Hydro	32.385	617.249			
(A2+C2)					
3) Gas	14.191	374.615			
(A3+B6+C3)					
4) Wind	12.316	329.701			
6) SOLAR	5.481	155.203			
TOTAL STATE	355.654	9224.255			

* 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	6357	6481	6475	6085
MSPGCL Hydro	1704	1240	823	1091
MSPGCL Gas	416	417	407	434
MSPGCL Total Generation	8477	8138	7705	7610
Central Sector Receipt	6322	6869	5637	5501
WIND	343	457	572	604
CPP / IPP Thermal	4664	4693	4703	4589
CPP / IPP Gas	0	0	0	0
SOLAR	766	455	0	0
Exchange with Mumbai	-1619	-1503	-1221	-807
MSEDCL DEMAND MET	18953	19109	17396	17497
Load Shedding	0	0	0	0
MSEDCL DEMAND	18953	19109	17396	17497
TPCL GENERATION	1186	1302	1276	898
R-INFRA GENERATION	502	499	496	500
MUMBAI DEMAND	3307	3304	2993	2205
STATE DEMAND MET	22260	22413	20389	19702
STATE DEMAND	22260	22413	20389	19702
Frequency (Hz)	49.96	49.94	49.98	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.01 Hrs	49.73 Hz at 14.10 Hrs	49.95	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 27/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	8.38	204.96	352	340
Unit 9	8.42	266.70	357	347
Unit 10	8.39	266.06	355	330
Total	25.19	737.72		
Bhusawal				
Unit 3	4.70	115.28	200	190
Unit 4	10.93	301.22	470	445
Unit 5	11.07	305.38	495	420
Total	26.70	721.88		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.98	138.61	245	188
Unit 7	4.82	143.64	241	180
Unit 8	4.32	110.88	196	170
Total	14.12	393.13		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.02	66.52	465	455
Unit 6	0.00	0.00	0	0
Unit 7	10.66	287.46	450	430
Unit 8	6.50	208.54	457	0
Unit 9	8.72	272.20	376	193
Total	36.90	834.71		
Paras				
Unit 3	5.96	154.46	251	238
Unit 4	5.97	113.32	252	242
Total	11.92	267.78		
Khaparkheda				
Unit 1	3.78	91.12	170	140
Unit 2	4.51	116.76	200	180
Unit 3	4.08	86.15	200	157
Unit 4	4.18	121.72	201	160
Unit 5	10.93	284.57	475	419
Total	27.48	700.31		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	4.48	55.65	192	181
Unit 5	4.49	116.92	191	178
Total	8.98	214.24		
Uran				
All Units	10.32	264.61	449	406
Total	10.32	264.61		
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	2.05	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	2.05		
Koyna				
Stage 1-2	5.00	119.74	535	40
Stage 4	15.09	188.96	1007	0
Stage 3	4.20	67.60	240	0
Total	24.29	376.29		
Hydro				
KDPH	0.85	23.30	36	35
VTRNA	0.00	27.13	0	0
TILLARI	0.42	10.04	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	6.85	40	0
RNGR+BHTSA	0.29	7.76	13	12
BHANDARDRA	0.48	13.22	37	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	15.65	30	18
GHATGHAR	0.00	10.73	0	0
Total	2.89	114.68		
Wind				
Total	12.32	329.70	0	0
Total	12.32	329.70		
CPP				
APML(Mus)	35.48	1248.10	0	0
JSWEL(Mus)	27.23	609.61	0	0
VIPL(Mus)	7.48	162.42	0	0
RPLAMT(Mus)	26.65	654.22	0	0
WPCL(Mus)	2.82	142.46	0	0
Other(Mus)	11.32	333.83	0	0
Total	110.98	3150.65		
SOLAR				
Total	5.48	155.20	0	0
Total	5.48	155.20		
Tata				
Trombay 5	11.49	279.58	488	444
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	68.91	117	67
Trombay 7B	1.46	41.10	66	51
Trombay 8	5.53	142.49	243	223
TATA Hydro	5.20	126.28	422	0
Total	26.10	658.35		
R-INFRA				
DTPS U-1&2	11.99	304.99	502	496
Total	11.99	304.99		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.29	3869.78	MSPGCL Total	188.79	4625.36
			MSPGCL Thml+Gas	161.61	4134.40	Koyna 1,2 & 4 Total	20.09	308.70
			MSPGCL Hydro	27.18	490.97	State Total	355.65	9224.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	6059	1619	433	8111	618	4779	0	0	5592	5493	-1191	17810	0	17810	2693	20503	49.93
2	6068	1770	444	8282	650	4682	0	0	5469	5430	-989	18055	0	18055	2471	20526	49.99
3	6032	1360	445	7837	607	4731	0	0	5611	5491	-839	17827	0	17827	2304	20131	49.91
4	6085	1091	434	7610	604	4589	0	0	5839	5501	-807	17497	0	17497	2205	19702	49.95
5	6083	1025	447	7555	619	4542	0	0	5836	5618	-752	17582	0	17582	2143	19725	49.97
6	6135	1154	446	7735	703	4541	0	1	5867	5947	-772	18155	0	18155	2160	20315	49.94
7	6132	1845	437	8414	602	4541	0	41	5880	5948	-856	18690	0	18690	2182	20872	49.97
8	6155	1549	445	8149	511	4536	0	194	5883	6170	-955	18605	0	18605	2318	20923	50.04
9	6166	982	429	7577	372	4511	0	406	6138	5937	-1244	17559	0	17559	2602	20161	49.98
10	6196	1045	424	7665	374	4531	0	572	6119	6233	-1403	17972	0	17972	2943	20915	49.93
11	6258	1059	430	7747	426	4543	0	682	6291	6174	-1597	17975	0	17975	3209	21184	49.94
12	6357	1704	416	8477	343	4664	0	766	6346	6322	-1619	18953	0	18953	3307	22260	49.96
13	6427	1527	416	8370	310	4658	0	725	6610	6503	-1611	18955	0	18955	3312	22267	49.96
14	6468	1241	406	8115	291	4541	0	690	6723	6748	-1562	18823	0	18823	3211	22034	49.96
15	6447	1255	415	8117	437	4620	0	581	6710	6706	-1503	18958	0	18958	3267	22225	49.80
16	6481	1240	417	8138	457	4693	0	455	6807	6869	-1503	19109	0	19109	3304	22413	49.94
17	6481	1133	419	8033	535	4650	0	263	6827	6997	-1448	19030	0	19030	3255	22285	49.92
18	6475	880	421	7776	509	4561	0	103	6366	6513	-1354	18108	0	18108	3143	21251	49.94
19	6430	452	449	7331	528	4587	0	2	5605	5803	-1331	16920	0	16920	2985	19905	50.00
20	6475	823	407	7705	572	4703	0	0	5262	5637	-1221	17396	0	17396	2993	20389	49.98
21	6543	636	448	7627	566	4706	0	0	5119	5279	-1230	16948	0	16948	2883	19831	49.99
22	6520	390	428	7338	598	4695	0	0	5127	5509	-1118	17022	0	17022	2753	19775	49.94
23	6520	423	431	7374	499	4710	0	0	5153	5667	-1034	17216	0	17216	2711	19927	49.91
24	6300	980	430	7710	585	4666	0	0	5206	5646	-1063	17544	0	17544	2732	20276	49.88
MUs	151.29	27.18	10.32	188.79	12.32	110.98	0.00	5.48	142.39	144.14	-29.00	432.71	0.00	432.71	67.09	499.80	49.95

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 27/Apr/2018

Position as on 6.30 Hrs of 28/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 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	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
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 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem	
MSPGCL	Chandrapur Unit-8	500	23/04/2018	22.13	27/04/2018	06.29	Boiler Tube Leakage	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
CPP	SWPGL U-3	135	27/04/2018	00.31		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	27/04/2018	23.45		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 28/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	26/04/2018	08.21		Continued.	PO	Faulty Disc Replacement work
Lonikand 1 - Chakan	IntraState	26/04/2018	15.30		Continued.	PO	Sparking on Isolator (Taken on TBC)
Bhusawal-Aurangabad	IntraState	26/04/2018	20.46	27/04/2018	08.52	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	27/04/2018	06.49	27/04/2018	08.16	EO	Line Maintenance work
Bus Coupler @ Karad	IntraState	27/04/2018	08.11	27/04/2018	19.05	PO	Routine Maintenance Work
Ektuni-Bableshtar ckt I	IntraState	27/04/2018	08.55	27/04/2018	19.25	PO	Isolator Maintenance Work.
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.
Kalwa - Borivali	IntraState	22/04/2018	07.13		Continued.	PO	providing bunching at loc 16 to form new line as Kalwa Bhandup.
Mulund - GIS Bhandup	IntraState	22/04/2018	07.13		Continued.	PO	providing bunching at loc 16 to form new line as Kalwa Bhandup.
Kalmeshwar - JSW	IntraState	27/04/2018	06.48		Continued.	PO	Tan Delta Measurement of CTs
Koradi-Ambazari-I	IntraState	27/04/2018	07.16	27/04/2018	11.09	PO	Insulator Replacement Work
Ghodbunder - Gorai	IntraState	27/04/2018	07.29	27/04/2018	10.31	EO	Attending Hot Spot
Versova Gorai Line	IntraState	27/04/2018	11.00	27/04/2018	20.44	EO	Attending Hot Spot
Waluj - Degaon Rangari	IntraState	27/04/2018	11.25	27/04/2018	11.59	EO	Hot Line 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(repairs 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)
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	18/04/2018	17.34		Continued.	HT	Buchholz Alarm
220/132 Kv 200 Mva Vijay Ict 2 @Chalisgaon	IntraState	27/04/2018	08.47	27/04/2018	19.23	PO	Tan Delta Measurement of CTs
220/100 Kv 200 MVA ICT I @Pal-Dombivli	IntraState	27/04/2018	09.45	27/04/2018	13.45	EO	Attending Hot Spot
220/132Kv 200MVA ICT-II @Mudshingi	IntraState	27/04/2018	10.00	27/04/2018	15.54	PO	Routine Maintenance Work

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