

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Apr/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.737	3969.863	1) Gujrat	1.344	25.175
2) Hydro	22.377	568.644	2) Madhya Pradesh	16.141	436.990
3) Gas	6.685	176.203	3) Chattisgarh	4.170	118.460
Total MSPGCL	188.799	4714.710	4) Maharashtra	125.222	3268.275
B) 1) APLM	76.858	1880.608	5) Goa (Amona)	-0.616	-13.618
2) JSWEL	22.470	617.038	Total	146.261	3835.282
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.795	782.551
4) RPL(AMT)	4.932	305.278	b) Mumbai Drawl	29.935	846.100
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	16.320	477.363
6) Other IPP	11.322	338.042	Include PX	-4.853	-118.283
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.795	782.551
C) 1) TPCL Thermal	15.784	388.409	Include PX	18.058	551.598
2) TPCL Hydro	5.058	102.184	Standby	0.000	0.000
3) TPCL Gas	4.353	114.015	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.453	277.058	1) MSEDCL	446.649	11481.933
D) STATE			2) Mumbai Discoms	66.582	1727.770
1) Thermal	302.556	7776.296	TOTAL STATE	513.231	13209.703
(A1+C1+C4+(B1-B6))					
2) Hydro	27.435	670.828			
(A2+C2)					
3) Gas	11.038	290.218			
(A3+B7+C3)					
4) Wind	19.377	448.138			
6) SOLAR	6.565	188.937			
TOTAL STATE	366.971	9374.417			

* 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	6930	6844	6366	6389
MSPGCL Hydro	617	1730	1449	845
MSPGCL Gas	277	268	272	288
MSPGCL Total Generation	7824	8842	8087	7522
Central Sector Receipt	6601	6498	5654	5795
WIND	683	490	1083	845
CPP / IPP Thermal	4807	4787	4918	4684
CPP / IPP Gas	0	0	0	0
SOLAR	887	579	0	0
Exchange with Mumbai	-1650	-1508	-1442	-871
MSEDCL DEMAND MET	19152	19688	18300	17975
Load Shedding	0	0	0	0
MSEDCL DEMAND	19152	19688	18300	17975
TPCL GENERATION	1124	1242	1076	878
AEML GENERATION	434	495	404	499
MUMBAI DEMAND	3208	3245	2922	2248
STATE DEMAND MET	22360	22933	21222	20223
STATE DEMAND	22360	22933	21222	20223
Frequency (Hz)	50.00	49.93	50.03	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.00 Hrs	49.72 Hz at 23.34 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/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.12	95.64	190	140
Unit 7	0.00	0.00	0	0
Unit 8	11.51	194.15	559	399
Unit 9	11.76	145.22	600	398
Unit 10	11.17	274.01	531	375
Total	38.56	709.01		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.87	272.37	505	390
Unit 5	11.52	296.84	500	380
Total	23.40	569.22		
Parli				
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	0.00	0.00	0	0
Unit 8	5.75	140.22	249	210
Total	5.75	140.22		
Chandrapur				
Unit 3	4.59	118.50	194	189
Unit 4	4.13	114.18	176	170
Unit 5	9.95	264.65	425	407
Unit 6	0.00	0.00	0	0
Unit 7	10.28	279.56	450	400
Unit 8	10.38	291.90	476	325
Unit 9	10.11	294.57	475	320
Total	49.44	1363.36		
Paras				
Unit 3	6.09	159.23	258	250
Unit 4	5.95	154.00	257	215
Total	12.03	313.23		
Khaparkheda				
Unit 1	0.00	83.04	0	0
Unit 2	3.49	84.22	160	100
Unit 3	3.85	93.96	162	158
Unit 4	3.84	108.53	164	155
Unit 5	9.85	278.72	430	385
Total	21.03	648.47		
Nasik				
Unit 3	0.00	26.10	0	0
Unit 4	4.86	92.84	210	165
Unit 5	4.67	107.42	205	165
Total	9.52	226.36		
Uran				
All Units	6.68	176.20	289	221
Total	6.68	176.20		
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)	0.02	2.29	17	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	2.29		
Koyna				
Stage 1-2	6.30	159.72	490	40
Stage 4	9.61	235.04	1000	0
Stage 3	2.90	86.21	240	0
Total	18.82	480.98		
Hydro				
KDPH	0.82	22.96	34	34
VTRNA	0.83	25.93	60	0
TILLARI	0.53	9.60	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	5.19	40	0
RNGR+BHTSA	0.26	7.45	11	10
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	11.16	20	19
GHATGHAR	0.36	4.76	194	0
Total	3.56	87.66		
Wind				
Total	19.38	448.14	0	0
Total	19.38	448.14		
CPP				
APML(Mus)	76.86	1880.61	0	0
JSWEL(Mus)	22.47	617.04	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.93	305.28	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	11.32	338.04	0	0
Total	115.58	3140.97		
SOLAR				
Total	6.56	188.94	0	0
Total	6.56	188.94		
Tata				
Trombay 5	10.40	250.23	468	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	72.21	117	114
Trombay 7B	1.58	41.80	67	65
Trombay 8	5.38	138.18	234	199
TATA Hydro	5.06	102.18	397	22
Total	25.20	604.61		
AEML				
DTPS U-1&2	11.45	277.06	499	375
Total	11.45	277.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.74	3969.86	MSPGCL Total	188.80	4714.71
			MSPGCL Thml+Gas	166.42	4146.07	Koyna 1,2 & 4 Total	15.92	394.77
			MSPGCL Hydro	22.38	568.64	State Total	366.97	9374.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Apr/2019

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	6512	1768	282	8562	960	4771	0	0	5680	5510	-1354	18448	0	18448	2817	21266	49.91
2	6467	1593	286	8346	851	4735	0	0	5944	5780	-1141	18571	0	18571	2579	21150	49.99
3	6414	950	286	7650	876	4678	0	0	6078	5856	-1006	18054	0	18054	2381	20435	50.02
4	6389	845	288	7522	845	4684	0	0	6015	5795	-871	17975	0	17975	2248	20223	49.97
5	6426	772	288	7486	772	4668	0	0	6103	6198	-826	18298	0	18298	2197	20495	49.97
6	6478	1124	288	7890	704	4678	0	0	6098	6011	-852	18431	0	18431	2198	20629	49.94
7	6649	1353	289	8291	688	4802	0	40	6257	5845	-829	18837	0	18837	2189	21026	50.05
8	6750	423	286	7459	604	4846	0	194	6325	6618	-836	18885	0	18885	2235	21120	50.02
9	6797	334	287	7418	739	4800	0	429	6443	6550	-1027	18909	0	18909	2448	21357	50.04
10	6576	413	272	7261	890	4800	0	652	6540	6466	-1421	18648	0	18648	2750	21398	50.05
11	6944	315	280	7539	923	4856	0	815	6725	6633	-1649	19117	0	19117	3045	22162	50.03
12	6930	617	277	7824	683	4807	0	887	6704	6601	-1650	19152	0	19152	3208	22360	50.00
13	6973	498	269	7740	482	4780	0	885	6760	6735	-1481	19141	0	19141	3222	22363	50.09
14	6840	604	278	7722	399	4769	0	854	6724	6750	-1403	19091	0	19091	3134	22225	50.09
15	6889	1242	278	8409	378	4718	0	717	6750	6749	-1500	19471	0	19471	3211	22682	49.98
16	6844	1730	268	8842	490	4787	0	579	6797	6498	-1508	19688	0	19688	3245	22933	49.93
17	6818	1286	278	8382	595	4941	0	364	6587	6364	-1401	19245	0	19245	3149	22394	49.90
18	6822	620	280	7722	589	4890	0	136	6509	6308	-1260	18385	0	18385	3000	21385	49.00
19	6629	369	282	7280	973	4865	0	13	6146	5952	-1291	17792	0	17792	2885	20677	50.05
20	6366	1449	272	8087	1083	4918	0	0	5808	5654	-1442	18300	0	18300	2922	21222	50.03
21	6669	634	284	7587	1225	4915	0	0	5498	4864	-1249	17342	0	17342	2909	20251	50.03
22	6587	682	283	7552	1289	4950	0	0	5199	5326	-1207	17910	0	17910	2855	20765	49.97
23	6510	1167	283	7960	1202	4943	0	0	5314	5427	-1328	18204	0	18204	2863	21067	49.89
24	6458	1589	221	8268	1137	4981	0	0	5696	5771	-1403	18754	0	18754	2893	21647	49.86
MUs	159.74	22.38	6.68	188.80	19.38	115.58	0.00	6.56	148.70	146.26	-29.94	446.65	0.00	446.65	66.58	513.23	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/2019

Position as on 6.30 Hrs of 28/Apr/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	23/04/2019	20.32		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	24/04/2019	14.01	27/04/2019	03.16	Furnace Pressure High	
MSPGCL	Uran Unit 5	108	27/04/2019	23.39	28/04/2019	00.51	Generator Protection Operated.	
MSPGCL	Uran Unit 5	108	28/04/2019	04.12	28/04/2019	04.44	Turbine bearing Vabration high	
MSPGCL	Uran Unit 5	108	28/04/2019	07.30		Continued.	Turbine bearing Vabration high	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 28/Apr/2019

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	24/04/2019	18.07		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	27/04/2019	21.36	28/04/2019	11.12	T	Distance Protection,Z1,B-PH.7.84KA.19.25KM From
Chandrapur-II - Warora - I	InterState	28/04/2019	20.50		Continued.	T	Distance Protection Zone 1
Khadka-Aurangabad (Waluj)	IntraState	26/04/2019	17.44	27/04/2019	07.26	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	27/04/2019	08.46	27/04/2019	15.15	PO	To Attend Broken Conductors Strands.
Koradi III(Adani)-Koradi II ckt 2	IntraState	27/04/2019	09.12	27/04/2019	11.49	PO	SF6 Gas Analysis Of Breaker.
Ektuni-Bableshwar ckt II	IntraState	27/04/2019	10.13	27/04/2019	16.47	PO	Bus Bar Commissioning Work.
N.Koyna-Karad -Ckt I	IntraState	27/04/2019	11.29	27/04/2019	12.53	EO	Attending Hot Spot
Jaigad-New Koyna Ckt-I	IntraState	27/04/2019	14.39	27/04/2019	15.53	PO	relay Updation Work.
Jaigad-New Koyna Ckt-II	IntraState	27/04/2019	15.59	27/04/2019	16.53	PO	relay Updation Work.
Khadka-Aurangabad (Waluj)	IntraState	27/04/2019	18.03		Continued.	HT	Over Voltage
Kalwa - Kharghar	IntraState	28/04/2019	06.29	28/04/2019	15.19	PO	BAY MAINTENANCE & TESTING WORK.
koaradi II - Wardha(PG)	IntraState	28/04/2019	09.25	28/04/2019	17.27	PO	Routine Maintenance Work
Chandrapur - Parli	IntraState	28/04/2019	20.56		Continued.	T	Distance Protection,Storm and wind in area.B Phase E/F
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	27/04/2019	09.47	27/04/2019	13.00	PO	Overall Inspection Of ICT 2.
400/220 kV 500MVA ICT-I @ Alkud	IntraState	28/04/2019	17.47	28/04/2019	19.18	PO	CTR-TCIV indication 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	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Ambazari-Abhijeet	IntraState	27/04/2019	09.42	27/04/2019	15.35	PO	Line Maintenance work
Eklahare (Gcr) - Airoli Know Park	IntraState	27/04/2019	09.45	27/04/2019	12.53	PO	For Hot Line Washing Of Top Bus String.
Eklahare (Ocr)Nasik - Padghe 2	IntraState	27/04/2019	12.01	27/04/2019	16.41	T	Distance Protection,R-PH To Ground.If=1506 amp.
Chandrapur GCR - Sicom I	IntraState	27/04/2019	14.07	27/04/2019	17.39	T	Distance Protection
Tata Borivli MSETCL Borivli 4	IntraState	27/04/2019	22.55	28/04/2019	00.02	PO	relay testing work.
Tata Borivli MSETCL Borivli 5	IntraState	27/04/2019	22.59	27/04/2019	23.18	PO	relay testing work.
Bhira Dharavi 7	IntraState	28/04/2019	06.11	28/04/2019	10.40	PO	For MSETCL Line Dismantling work
Bhira Dharavi 8	IntraState	28/04/2019	06.11	28/04/2019	10.43	PO	For MSETCL Line Dismantling work

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 27/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 28/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Salsette - Saki 7	IntraState	28/04/2019	08.37	28/04/2019	19.16	EO	To attend Hot Spot
Kalwa - Mulund 2	IntraState	28/04/2019	14.17	28/04/2019	17.05	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Bucchoz Trip.
220/22 Kv 50 Mva Ptr 1 @Lonikand	IntraState	27/04/2019	14.06	27/04/2019	23.38	T	22Kv Fedder LA Burst.
220/22 Kv 50 Mva Ptr 2 @Chakan	IntraState	27/04/2019	14.36	27/04/2019	18.06	HT	For Airing Purpose
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Ambazari-Pardi	IntraState	27/04/2019	10.24	27/04/2019	10.54	T	Distance Protection
Paranda - Kallamb	IntraState	27/04/2019	13.34	27/04/2019	21.28	T	Distance Protection

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