

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Apr/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.671	2610.249	1) Gujrat	-0.251	20.869
2) Hydro	28.159	347.651	2) Madhya Pradesh	16.595	290.142
3) Gas	6.987	117.556	3) Chattisgarh	4.260	74.600
Total MSPGCL	182.817	3075.456	4) Maharashtra	133.483	2152.083
B) 1) APLM	41.052	1250.733	5) Goa (Amona)	-0.484	-9.108
2) JSWEL	22.462	421.005	Total	153.603	2528.586
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.591	526.694
4) RPL(AMT)	20.399	228.222	b) Mumbai Drawl	31.010	560.609
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	21.320	300.143
6) Other IPP	7.940	232.711	Include PX	-0.970	-100.452
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.591	526.694
C) 1) TPCL Thermal	14.344	257.931	Include PX	22.566	371.029
2) TPCL Hydro	5.230	67.918	Standby	0.000	0.000
3) TPCL Gas	4.349	75.373	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.642	183.141	1) MSEDCL	418.708	7599.190
D) STATE			2) Mumbai Discoms	63.575	1144.977
1) Thermal	262.510	5183.992	TOTAL STATE	482.283	8744.167
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	33.389	415.569			
3) Gas (A3+B7+C3)	11.336	192.929			
4) Wind	13.501	298.746			
6) SOLAR	7.944	124.340			
TOTAL STATE	328.680	6215.576			

* 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	6233	6315	6289	6012
MSPGCL Hydro	1503	1575	1041	748
MSPGCL Gas	282	281	287	298
MSPGCL Total Generation	8018	8171	7617	7058
Central Sector Receipt	6836	6699	6255	6119
WIND	191	378	647	721
CPP / IPP Thermal	3474	3758	4387	3690
CPP / IPP Gas	0	0	0	0
SOLAR	1025	720	0	0
Exchange with Mumbai	-1402	-1393	-1424	-1122
MSEDCL DEMAND MET	18142	18333	17482	16466
Load Shedding	0	0	0	0
MSEDCL DEMAND	18142	18333	17482	16466
TPCL GENERATION	1308	1286	1040	681
AEML GENERATION	499	501	374	198
MUMBAI DEMAND	3209	3180	2838	2001
STATE DEMAND MET	21351	21513	20320	18467
STATE DEMAND	21351	21513	20320	18467
Frequency (Hz)	50.03	49.97	49.97	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.02 Hrs	49.81 Hz at 15.20 Hrs	50.01	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 18/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.16	70.63	185	155
Unit 7	0.00	0.00	0	0
Unit 8	0.00	143.82	0	0
Unit 9	8.86	45.58	430	287
Unit 10	8.30	176.50	370	320
Total	21.32	436.54		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.96	170.49	505	420
Unit 5	11.88	195.28	505	395
Total	23.85	365.76		
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	5.65	91.20	240	200
Total	5.65	91.20		
Chandrapur				
Unit 3	4.65	77.35	196	193
Unit 4	4.22	76.82	179	173
Unit 5	9.79	176.80	420	385
Unit 6	0.00	0.00	0	0
Unit 7	10.38	187.98	440	418
Unit 8	11.37	191.31	480	450
Unit 9	11.15	195.61	475	450
Total	51.56	905.88		
Paras				
Unit 3	6.07	105.09	256	250
Unit 4	5.29	102.22	236	185
Total	11.37	207.31		
Khaparkheda				
Unit 1	4.50	67.71	195	175
Unit 2	3.69	56.27	160	135
Unit 3	2.19	61.47	180	0
Unit 4	4.41	76.05	190	160
Unit 5	11.05	194.35	480	440
Total	25.84	455.84		
Nasik				
Unit 3	3.82	24.17	161	156
Unit 4	0.00	53.21	0	0
Unit 5	4.27	70.34	202	0
Total	8.09	147.72		
Uran				
All Units	6.99	117.56	308	273
Total	6.99	117.56		
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)	0.04	2.01	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	2.01		
Koyna				
Stage 1-2	6.35	104.12	520	40
Stage 4	13.92	132.48	985	89
Stage 3	4.91	51.95	320	140
Total	25.18	288.56		
Hydro				
KDPH	0.86	15.50	36	36
VTRNA	1.12	17.31	61	0
TILLARI	0.00	7.50	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	3.46	40	0
RNGR+BHTSA	0.27	5.05	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	7.02	14	13
GHATGHAR	0.22	2.64	125	0
Total	2.98	59.10		
Wind				
Total	13.50	298.75	0	0
Total	13.50	298.75		
CPP				
APML(Mus)	41.05	1250.73	0	0
JSWEL(Mus)	22.46	421.00	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	20.40	228.22	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.94	232.71	0	0
Total	91.85	2132.67		
SOLAR				
Total	7.94	124.34	0	0
Total	7.94	124.34		
Tata				
Trombay 5	9.24	165.96	478	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	47.66	117	109
Trombay 7B	1.58	27.71	67	63
Trombay 8	5.10	91.97	232	197
TATA Hydro	5.23	67.92	449	0
Total	23.92	401.22		
AEML				
DTPS U-1&2	8.64	183.14	501	196
Total	8.64	183.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.67	2610.25	MSPGCL Total	182.82	3075.46
			MSPGCL Thml+Gas	154.66	2727.80	Koyna 1,2 & 4 Total	20.27	236.61
			MSPGCL Hydro	28.16	347.65	State Total	328.68	6215.58

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5983	1430	306	7719	722	3686	0	0	6131	6398	-1408	17117	0	17117	2433	19550	50.01
2	6000	1352	298	7650	774	3701	0	0	6313	6125	-1302	16948	0	16948	2247	19195	50.02
3	5995	834	307	7136	751	3715	0	0	6232	6288	-1224	16666	0	16666	2100	18766	49.96
4	6012	748	298	7058	721	3690	0	0	6153	6119	-1122	16466	0	16466	2001	18467	49.97
5	5979	732	306	7017	765	3714	0	0	6116	6301	-1074	16723	0	16723	1945	18668	49.98
6	6000	1195	299	7494	766	3735	0	0	6115	6382	-1125	17252	0	17252	1993	19245	49.96
7	5995	1447	308	7750	1009	3857	0	34	6529	6560	-1055	18155	0	18155	2070	20225	50.02
8	6031	699	295	7025	839	3850	0	241	6553	6729	-1056	17628	0	17628	2191	19819	50.02
9	6044	1272	292	7608	642	3451	0	535	6241	6480	-1236	17480	0	17480	2482	19962	50.03
10	6137	1187	289	7613	519	3509	0	776	6655	6645	-1248	17814	0	17814	2839	20653	50.01
11	6208	886	285	7379	337	3521	0	964	6921	6860	-1313	17748	0	17748	3106	20854	50.05
12	6233	1503	282	8018	191	3474	0	1025	6778	6836	-1402	18142	0	18142	3209	21351	50.03
13	6354	1666	282	8302	222	3475	0	1036	6551	6558	-1366	18227	0	18227	3183	21410	50.06
14	6334	1329	281	7944	270	3521	0	1017	6487	6405	-1297	17860	0	17860	3093	20953	50.06
15	6322	1685	280	8287	378	3601	0	895	6583	6472	-1346	18287	0	18287	3141	21428	49.95
16	6315	1575	281	8171	378	3758	0	720	6667	6699	-1393	18333	0	18333	3180	21513	49.97
17	6276	1498	273	8047	320	3869	0	489	6532	6620	-1353	17992	0	17992	3131	21123	50.04
18	6325	868	284	7477	319	4020	0	197	6519	6680	-1285	17408	0	17408	2993	20401	50.04
19	6320	442	286	7048	520	4141	0	15	6409	6319	-1405	16638	0	16638	2849	19487	50.00
20	6289	1041	287	7617	647	4387	0	0	6306	6255	-1424	17482	0	17482	2838	20320	49.97
21	6222	708	299	7229	766	4278	0	0	6243	6121	-1392	17002	0	17002	2731	19733	50.00
22	6040	1058	289	7387	603	4167	0	0	6160	6095	-1331	16921	0	16921	2612	19533	49.99
23	6120	1347	289	7756	546	4288	0	0	5919	5991	-1392	17189	0	17189	2590	19779	50.01
24	6137	1657	291	8085	496	4451	0	0	5754	5665	-1461	17236	0	17236	2618	19854	49.99
MUs	147.67	28.16	6.99	182.82	13.50	91.86	0.00	7.94	152.87	153.60	-31.01	418.71	0.00	418.71	63.57	482.29	50.01

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 18/Apr/2019

Position as on 6.30 Hrs of 19/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	RPL(AMT) U-5	270	28/12/2018	19.30	18/04/2019	06.54	Zero 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 4	210	12/04/2019	21.35	19/04/2019	02.29	R PHASE CT CUBAICAL BURST	
IPP	RPL(AMT) U-1	270	16/04/2019	00.00	18/04/2019	04.17	Zero schedule.	
MSPGCL	Khaparkheda Unit 3	210	16/04/2019	04.40	18/04/2019	09.17	Furnace Pressure High	
IPP	Adani U-4	660	17/04/2019	00.16		Continued.	APH-A hot PA Bellow leakage	
AEML	AEML Unit 2	250	17/04/2019	00.58	18/04/2019	08.32	Problem in Condenser cooling system	
MSPGCL	Koradi Unit-8	660	17/04/2019	16.55		Continued.	Less coal receipt & suspected boiler water wall tube leakage.	
IPP	Dhariwal	300	18/04/2019	00.15		Continued.	Problem in Economizer ash Evacuation.	
IPP	Adani U-5	660	18/04/2019	00.22		Continued.	Drain line leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Apr/2019

Position as on 6.30 Hrs of 19/Apr/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-2	660	18/04/2019	08.04	18/04/2019	14.50	Loss of fuel.	
MSPGCL	Nasik Unit 5	210	18/04/2019	22:05		Continued.	Station T/F Tripped.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 19/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 I	InterState	10/04/2019	17.54		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/04/2019	17.22	18/04/2019	10.18	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	18/04/2019	07.58	18/04/2019	18.40	PO	Tree Cutting Work.
Karad - Lonikand 1	IntraState	18/04/2019	09.10	18/04/2019	19.26	PO	Routine Maintenance Work
Jaigad-New Koyna Ckt-I	IntraState	18/04/2019	09.44		Continued.	PO	Retro Fitting Work.
Bus Coupler @ Chandrapur	IntraState	18/04/2019	12.32	18/04/2019	15.19	PO	Termination of CT Core In New Bus Bar Scheme.
Khadka-Aurangabad (Waluj)	IntraState	18/04/2019	18.11	19/04/2019	06.28	HT	Over Voltage
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.
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.
Borivali - Tarapur	InterState	17/04/2019	19.40	18/04/2019	12.48	T	Distance protection, Z-1 RY-E, IY10.6KA, IR 10.06KA, D-27.97KM.
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.
Boisar Versova Line	IntraState	17/04/2019	16.36	18/04/2019	00.51	HT	Load management purpose.
Kandalgaon - Sona Alloys	IntraState	18/04/2019	08.05	18/04/2019	19.17	PO	Line Maintenance work
Kalmeshwar-Pandhurna	IntraState	18/04/2019	08.18	18/04/2019	21.19	PO	Restranging of bottom PH conductor.
Oni Kharepatan Line	IntraState	18/04/2019	08.59	18/04/2019	19.33	PO	Routine Maintenance Work & Replacement Work.
Belewadi-Nagar Ckt I	IntraState	18/04/2019	09.27	18/04/2019	11.00	EO	Attending Hot Spot
Pophali - Nerale	IntraState	18/04/2019	09.45	18/04/2019	17.15	PO	Line Maintenance work
Uran - Kharghar 2	IntraState	18/04/2019	10.27	18/04/2019	13.13	PO	Replacement of Faulty Disc Insulators By Polymer Insulators.
Karad -Mudshingi Ckt- IV	IntraState	18/04/2019	10.30	18/04/2019	13.57	PO	Quarterly Maintenance Work
VILEBHAGAD KANDALGAON	IntraState	18/04/2019	10.30	18/04/2019	18.26	PO	Routine Maintenance Work
Shirsuphal-Bhigwan	IntraState	18/04/2019	13.18	18/04/2019	17.54	PO	Testing & Routine Maintenance Work.
Virur - Gadchiroli	IntraState	18/04/2019	21.15	18/04/2019	22.35	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	05/04/2019	10.03		Continued.	PO	Quarterly Maintanance Work
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	IntraState	18/04/2019	11.40	18/04/2019	18.30	PO	Diagnostic Testing Work.
132 KV LINE Outages/Trippings							

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 18/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 19/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
lol - Boisar Midc	IntraState	18/04/2019	00.56	18/04/2019	02.10	T	Tripped at one end only without any indication.
Gadchiroli - Mul	IntraState	18/04/2019	21.15	18/04/2019	22.05	T	B-Phases burst PT burst at Gadchiroli.