

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 19/Apr/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.693	2939.408	1) Gujrat	1.330	17.966
2) Hydro	33.435	321.552	2) Madhya Pradesh	14.555	207.079
3) Gas	10.587	189.222	3) Chattisgarh	7.550	99.170
Total MSPGCL	181.715	3450.182	4) Maharashtra Net	140.684	2494.481
B) 1) APML	43.368	911.410	5) Goa (Amona)	-0.682	-11.724
2) JSWEL	23.271	394.359	Total	163.437	2806.972
3) VIPL	7.175	202.914	a) Mumbai Schedule	29.260	480.953
4) RPL(AMT)	13.117	435.464	b) Mumbai Drawl	29.567	531.225
5) WPCL	1.591	71.124	c) MSEDCL Bilateral *	35.235	637.320
6) PGPL	0.000	0.000	Include PX	10.325	48.994
7) Other IPP	3.639	70.860	d) Mumbai Bilateral *	29.260	480.953
C) 1) TPCL Thermal	17.615	300.389	Include PX	12.943	110.868
2) TPCL Hydro	4.868	72.365	Include Standby	0.000	0.000
3) TPCL Gas	4.328	85.525	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.008	217.007	1) MSEDCL	429.283	8109.425
D) STATE			2) Mumbai Discoms	68.386	1206.522
1) Thermal	259.477	5542.935	TOTAL STATE	497.669	9315.947
(A1+C1+C4+(B1-B6))					
2) Hydro	38.303	393.917			
(A2+C2)					
3) Gas	14.915	274.747			
(A3+B6+C3)					
4) Wind	19.794	267.989			
6) SOLAR	1.743	29.376			
TOTAL STATE	334.232	6508.964			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5756	5694	5762	5573
MSPGCL Hydro	1441	1341	1631	1171
MSPGCL Gas	422	422	430	452
MSPGCL Total Generation	7619	7457	7823	7196
Central Sector Receipt	8442	8296	6120	5710
WIND	453	639	912	949
CPP / IPP Thermal	3775	3850	3977	3833
CPP / IPP Gas	0	0	0	0
SOLAR	252	202	0	0
Exchange with Mumbai	-1607	-1596	-1216	-697
MSEDCL DEMAND MET	18934	18848	17616	16991
Load Shedding	146	20	45	44
MSEDCL DEMAND	19080	18868	17661	17035
TPCL GENERATION	1300	1296	1353	924
R-INFRA GENERATION	485	494	503	505
MUMBAI DEMAND	3392	3386	3072	2126
STATE DEMAND MET	22326	22234	20688	19117
STATE DEMAND	22472	22254	20733	19161
Frequency (Hz)	49.96	49.93	49.93	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.01 Hrs	49.72 Hz at 00.08 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 19/Apr/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.93	65.36	170	157
Unit 8	10.02	240.73	550	318
Unit 9	10.16	220.87	536	350
Unit 10	4.04	86.59	324	0
Total	28.15	613.55		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.14	76.84	175	170
Unit 4	10.25	182.38	500	350
Unit 5	10.50	183.27	500	350
Total	24.88	442.50		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	6.00	110.74	250	250
Unit 7	5.62	86.01	252	191
Unit 8	0.00	13.59	0	0
Total	11.62	210.34		
Chandrapur				
Unit 3	4.70	84.47	198	194
Unit 4	4.66	88.89	198	190
Unit 5	10.62	165.62	450	430
Unit 6	9.82	191.76	425	380
Unit 7	0.00	0.00	0	0
Unit 8	9.89	162.47	454	327
Unit 9	0.00	147.02	0	0
Total	39.69	840.24		
Paras				
Unit 3	0.00	95.90	0	0
Unit 4	5.88	96.37	255	220
Total	5.88	192.27		
Khaparkheda				
Unit 1	4.16	77.18	185	160
Unit 2	4.41	78.10	190	175
Unit 3	4.78	81.51	200	196
Unit 4	4.44	70.53	189	181
Unit 5	0.20	170.70	140	0
Total	17.99	478.02		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.78	44.79	209	190
Unit 5	4.69	81.70	205	182
Total	9.48	162.48		
Uran				
All Units	10.59	189.22	460	422
Total	10.59	189.22		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.10	1.38	33	0
Total	0.10	1.38		
Koyna				
Stage 1-2	8.96	97.36	560	170
Stage 4	16.03	116.34	751	44
Stage 3	5.73	47.58	240	214
Total	30.72	261.28		
Hydro				
KDPH	0.70	11.20	30	29
VTRNA	0.62	10.01	61	0
TILLARI	0.00	2.41	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	3.89	80	0
RNGR+BHTSA	0.31	5.22	13	12
BHANDARDRA	0.50	9.58	43	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	9.17	22	10
GHATGHAR	0.00	8.78	0	0
Total	2.71	60.27		
Wind				
Total	19.79	267.99	0	0
Total	19.79	267.99		
CPP				
APML(Mus)	43.37	911.41	0	0
JSWEL(Mus)	23.27	394.36	0	0
VIPL(Mus)	7.18	202.91	0	0
RPLAMT(Mus)	13.12	435.46	0	0
WPCL(Mus)	1.59	71.12	0	0
Other(Mus)	3.64	70.86	0	0
Total	92.16	2086.13		
SOLAR				
Total	1.74	29.38	0	0
Total	1.74	29.38		
Tata				
Trombay 5	11.66	197.23	494	462
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	55.02	122	80
Trombay 7B	1.56	30.51	68	54
Trombay 8	5.95	103.16	249	246
TATA Hydro	4.87	72.36	430	0
Total	26.81	458.28		
R-INFRA				
DTPS U-1&2	12.01	217.01	505	485
Total	12.01	217.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.69	2939.41	MSPGCL Total	181.72	3450.18
			MSPGCL Thml+Gas	148.28	3128.63	Koyna 1,2 & 4 Total	24.99	213.70
			MSPGCL Hydro	33.44	321.55	State Total	334.23	6508.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Apr/2017

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	5831	1611	445	7887	1100	3938	0	0	6021	6081	-1141	17865	74	17939	2761	20700	49.86
2	5879	1581	446	7906	1103	3817	0	0	5937	5626	-912	17540	37	17577	2468	20045	49.97
3	5767	1389	448	7604	1195	3824	0	0	5986	6126	-865	17884	38	17922	2300	20222	49.97
4	5610	1046	448	7104	1189	3822	0	0	5858	5667	-773	17009	41	17050	2176	19226	49.93
5	5573	1171	452	7196	949	3833	0	0	5937	5710	-697	16991	44	17035	2126	19161	49.92
6	5541	1509	449	7499	901	3809	0	0	6104	6658	-737	18130	94	18224	2163	20387	49.95
7	5624	1424	440	7488	769	3739	0	5	6672	6558	-769	17790	534	18324	2179	20503	49.99
8	5633	1299	449	7381	527	3729	0	44	7083	7196	-894	17983	150	18133	2337	20470	50.00
9	5633	1316	451	7400	407	3711	0	112	7436	7895	-1130	18395	66	18461	2516	20977	49.98
10	5647	1557	438	7642	521	3772	0	163	7556	7591	-1507	18182	36	18218	3004	21222	49.95
11	5659	1494	426	7579	515	3776	0	201	7979	8223	-1672	18622	30	18652	3292	21944	49.96
12	5756	1441	422	7619	453	3775	0	252	8288	8442	-1607	18934	146	19080	3392	22472	49.96
13	5820	1512	429	7761	464	3774	0	237	7878	7748	-1619	18365	252	18617	3402	22019	49.98
14	5643	1295	440	7378	568	3820	0	226	8039	8278	-1588	18682	100	18782	3273	22055	49.97
15	5694	1341	422	7457	639	3850	0	202	8007	8296	-1596	18848	20	18868	3386	22254	49.93
16	5854	1545	429	7828	704	3846	0	160	7783	7860	-1606	18792	3	18795	3414	22209	49.91
17	5887	1345	450	7682	818	3876	0	100	7663	7833	-1666	18643	3	18646	3365	22011	49.93
18	5801	1293	430	7524	839	3852	0	38	6981	6840	-1534	17559	3	17562	3176	20738	50.01
19	5650	601	431	6682	1021	3930	0	3	6481	6351	-1276	16711	0	16711	3061	19772	49.99
20	5762	1631	430	7823	912	3977	0	0	5608	6120	-1216	17616	45	17661	3072	20733	49.93
21	5768	1505	457	7730	1061	3877	0	0	5404	5304	-1210	16762	154	16916	2989	19905	49.97
22	5805	1278	448	7531	1016	3954	0	0	5403	5328	-1204	16625	106	16731	2843	19574	49.94
23	5924	1619	460	8003	1016	3959	0	0	5383	5750	-1179	17549	0	17549	2835	20384	49.88
24	5937	1632	447	8016	1107	3954	0	0	5853	5947	-1169	17855	0	17855	2856	20711	49.88
MUs	137.70	33.43	10.59	181.72	19.79	92.21	0.00	1.74	161.34	163.43	-29.57	429.33	1.98	431.31	68.39	499.69	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 19/Apr/2017

Position as on 6.30 Hrs of 20/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
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	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
MSPGCL	Nasik Unit 3	210	09/04/2017	15.50		Continued.	tripped on boiler feed pump problem and continued under zero schedule by MSEDCL	
IPP	VIPL U-1	300	13/04/2017	03.34		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
CPP	SWPGL U-3	135	16/04/2017	00.01		Continued.	Ash Handling Problem.	
MSPGCL	Parli Unit 8	250	16/04/2017	01.05		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	16/04/2017	20.10		Continued.	Air preheater problem.	
MSPGCL	Khaparkheda Unit 5	500	17/04/2017	03.51	19/04/2017	21.58	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	17/04/2017	07.12		Continued.	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Apr/2017

Position as on 6.30 Hrs of 20/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-1	660	18/04/2017	13.12		Continued.	Due to coal shortage.	
CPP	SWPGL U-4	135	19/04/2017	05.40	19/04/2017	12.38	Flame loss.	
MSPGCL	Koradi Unit 10	660	19/04/2017	13.10		Continued.	wsdt level high.	
IPP	RPL(AMT) U-3	270	19/04/2017	19.30		Continued.	Coal Shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 20/Apr/2017

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							
Kolhapur Solapur (PG) II	InterState	11/04/2017	10.30		Continued.	EO	Taken on TBC to Attend Hot Spot.
Dhule Sar'Sarovar II	InterState	18/04/2017	20.42	19/04/2017	07.30	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	19/04/2017	20.36	20/04/2017	06.59	T	Over Voltage
Karad - Jaigad - II	IntraState	18/04/2017	09.21	19/04/2017	08.37	PO	Line Maintenance work (RFC AT 19.10)
Khadka-Aurangabad (Waluj)	IntraState	18/04/2017	19.56	19/04/2017	07.17	HT	Over Voltage
Tie Bay ICT-I @ Khaparkheda	IntraState	19/04/2017	08.26	19/04/2017	11.48	PO	Routine Maintenance Work
Jaigad-New Koyna Ckt-I	IntraState	19/04/2017	09.17	19/04/2017	18.55	PO	Routine Maintenance Work
Chandrapur - Parli	IntraState	19/04/2017	15.53	19/04/2017	22.41	EO	Attending Hot Spot
Chandrapur - Parli	IntraState	19/04/2017	16.50	19/04/2017	19.10	PO	measurement of c and tan delta.
Khadka-Aurangabad (Waluj)	IntraState	19/04/2017	20.31	20/04/2017	06.41	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	18/04/2017	16.14	19/04/2017	01.20	PO	For installation of load trimming scheme.
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	19/04/2017	16.15	19/04/2017	23.37	PO	retrofitting of numerical bacy relay and Its scheme.
400/220 KV 500MVA ICT II @ Nanded	IntraState	20/04/2017	06.47		Continued.	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Warora - Hinganghat	IntraState	19/04/2017	07.00	19/04/2017	11.48	PO	string replacement.
Mahad - Pedambe	IntraState	19/04/2017	09.15	19/04/2017	18.24	PO	insulator replacement work.
Adlabs - Pedambe	IntraState	19/04/2017	09.20	19/04/2017	18.50	PO	insulator replacement work.
Chinchwad-Hinjewadi I	IntraState	19/04/2017	09.22	19/04/2017	17.30	HT	Over Voltage
Hinganghat - Hinganghat Rly TSS-2	IntraState	19/04/2017	09.35	19/04/2017	13.05	PO	tree trimming.
Koradi II - Kawlewada	IntraState	19/04/2017	12.35	19/04/2017	13.12	T	Distance Protection
Khadka-Bhadli-1	IntraState	19/04/2017	12.58	19/04/2017	16.12	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(Now repaired and ready for commissioning)
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	19/04/2017	10.00	19/04/2017	12.20	PO	Taken on TBC
220/132 Kv 200 MVA ICT II @Kalmeshwar	IntraState	19/04/2017	10.49	19/04/2017	17.25	PO	Testing Work
220/132 Kv 100 Mva T&R Ict-1 @Bambhori	IntraState	19/04/2017	14.40	19/04/2017	19.00	PO	for bushing ,ct and winding tan delta and general maintenance work.
132 KV LINE Outages/Trippings							
Talegaon-Tiwasa	IntraState	19/04/2017	08.07	19/04/2017	13.55	PO	Quarterly Maintainance Work
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	19/04/2017	09.00	19/04/2017	18.53	PO	Routine Maintenance Work

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