

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 18/Apr/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.461	2801.715	1) Gujrat	0.138	16.636
2) Hydro	26.762	288.117	2) Madhya Pradesh	14.828	192.524
3) Gas	10.470	178.635	3) Chattisgarh	6.970	91.620
Total MSPGCL	178.693	3268.467	4) Maharashtra Net	143.344	2353.797
B) 1) APML	44.289	868.042	5) Goa (Amona)	-0.704	-11.042
2) JSWEL	22.890	371.088	Total	164.576	2643.535
3) VIPL	7.203	195.739	a) Mumbai Schedule	29.533	451.692
4) RPL(AMT)	15.425	422.347	b) Mumbai Drawl	29.156	501.658
5) WPCL	1.940	69.533	c) MSEDCL Bilateral *	37.127	602.085
6) PGPL	0.000	0.000	Include PX	9.074	38.669
7) Other IPP	3.683	67.221	d) Mumbai Bilateral *	29.533	451.692
C) 1) TPCL Thermal	17.551	282.774	Include PX	12.670	97.925
2) TPCL Hydro	4.859	67.497	Include Standby	0.000	0.000
3) TPCL Gas	4.455	81.197	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.044	204.999	1) MSEDCL	432.189	7680.142
D) STATE			2) Mumbai Discoms	68.065	1138.136
1) Thermal	266.486	5283.458	TOTAL STATE	500.254	8818.278
(A1+C1+C4+(B1-B6))					
2) Hydro	31.621	355.614			
(A2+C2)					
3) Gas	14.925	259.832			
(A3+B6+C3)					
4) Wind	20.961	248.195			
6) SOLAR	1.685	27.633			
TOTAL STATE	335.678	6174.732			

* 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 5 Hrs
MSPGCL Thermal	6127	5798	5585	6118
MSPGCL Hydro	712	1635	1708	355
MSPGCL Gas	413	429	426	451
MSPGCL Total Generation	7252	7862	7719	6924
Central Sector Receipt	8347	8375	6134	5661
WIND	476	710	849	1474
CPP / IPP Thermal	4180	3922	3988	3988
CPP / IPP Gas	0	0	0	0
SOLAR	234	151	0	0
Exchange with Mumbai	-1582	-1561	-1187	-714
MSEDCL DEMAND MET	18907	19459	17503	17333
Load Shedding	0	0	603	0
MSEDCL DEMAND	18907	19459	18106	17333
TPCL GENERATION	1278	1343	1343	916
R-INFRA GENERATION	487	494	504	505
MUMBAI DEMAND	3347	3398	3034	2135
STATE DEMAND MET	22254	22857	20537	19468
STATE DEMAND	22254	22857	21140	19468
Frequency (Hz)	49.94	49.96	49.89	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.00 Hrs	49.62 Hz at 19.15 Hrs	49.94	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/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	3.77	61.43	160	150
Unit 8	12.23	230.71	600	345
Unit 9	11.83	210.72	616	351
Unit 10	8.13	82.55	590	0
Total	35.96	585.40		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.18	72.71	185	170
Unit 4	9.11	172.14	510	355
Unit 5	9.07	172.77	510	350
Total	22.36	417.62		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.97	104.74	250	246
Unit 7	5.85	80.39	252	227
Unit 8	0.00	13.59	0	0
Total	11.82	198.72		
Chandrapur				
Unit 3	4.72	79.78	200	189
Unit 4	4.69	84.23	198	190
Unit 5	10.61	154.99	450	420
Unit 6	10.01	181.95	431	400
Unit 7	0.00	0.00	0	0
Unit 8	9.62	152.58	460	350
Unit 9	0.00	147.02	0	0
Total	39.65	800.55		
Paras				
Unit 3	0.00	95.90	0	0
Unit 4	5.96	90.48	254	241
Total	5.96	186.39		
Khaparkheda				
Unit 1	4.23	73.02	185	160
Unit 2	4.37	73.70	190	170
Unit 3	4.56	76.73	200	180
Unit 4	3.14	66.10	181	0
Unit 5	0.00	170.50	0	0
Total	16.29	460.04		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.74	40.00	205	180
Unit 5	4.67	77.00	205	177
Total	9.41	153.00		
Uran				
All Units	10.47	178.64	464	413
Total	10.47	178.64		
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)	0.05	1.28	17	0
Total	0.05	1.28		
Koyna				
Stage 1-2	6.90	88.40	560	40
Stage 4	12.92	100.32	760	0
Stage 3	4.35	41.84	240	0
Total	24.17	230.56		
Hydro				
KDPH	0.72	10.50	30	30
VTRNA	0.29	9.39	61	0
TILLARI	0.24	2.41	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	3.63	77	0
RNGR+BHTSA	0.31	4.92	13	12
BHANDARDRA	0.50	9.08	42	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	8.85	21	9
GHATGHAR	0.00	8.78	0	0
Total	2.59	57.56		
Wind				
Total	20.96	248.20	0	0
Total	20.96	248.20		
CPP				
APML(Mus)	44.29	868.04	0	0
JSWEL(Mus)	22.89	371.09	0	0
VIPL(Mus)	7.20	195.74	0	0
RPLAMT(Mus)	15.42	422.35	0	0
WPCL(Mus)	1.94	69.53	0	0
Other(Mus)	3.68	67.22	0	0
Total	95.43	1993.97		
SOLAR				
Total	1.68	27.63	0	0
Total	1.68	27.63		
Tata				
Trombay 5	11.65	185.57	492	467
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.86	52.25	122	110
Trombay 7B	1.59	28.95	68	63
Trombay 8	5.90	97.21	251	243
TATA Hydro	4.86	67.50	425	0
Total	26.86	431.47		
R-INFRA				
DTPS U-1&2	12.04	205.00	507	487
Total	12.04	205.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.46	2801.72	MSPGCL Total	178.69	3268.47
			MSPGCL Thml+Gas	151.93	2980.35	Koyna 1,2 & 4 Total	19.82	188.72
			MSPGCL Hydro	26.76	288.12	State Total	335.68	6174.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	6068	1524	448	8040	1180	4044	0	0	6021	5831	-1043	18052	0	18052	2659	20711	49.88
2	6023	1143	451	7617	1334	3978	0	0	6054	5841	-969	17801	0	17801	2458	20259	49.91
3	6047	699	450	7196	1367	4002	0	0	5940	5782	-852	17495	0	17495	2293	19788	49.96
4	6113	345	450	6908	1441	4005	0	0	5818	5852	-762	17444	0	17444	2179	19623	49.91
5	6118	355	451	6924	1474	3988	0	0	5780	5661	-714	17333	0	17333	2135	19468	49.94
6	6149	646	450	7245	1290	3995	0	0	5886	6199	-738	17991	0	17991	2163	20154	49.95
7	6217	808	464	7489	1070	3977	0	5	6553	6266	-752	18055	0	18055	2180	20235	49.95
8	6105	651	451	7207	722	3968	0	42	6981	7147	-910	18176	0	18176	2340	20516	49.99
9	6172	672	445	7289	497	3957	0	108	7281	7449	-1091	18209	0	18209	2513	20722	49.94
10	6183	651	429	7263	397	3945	0	166	7331	7356	-1492	17635	0	17635	2994	20629	49.97
11	6163	912	424	7499	410	4009	0	191	7714	7919	-1709	18319	0	18319	3288	21607	50.00
12	6127	712	413	7252	476	4180	0	234	8155	8347	-1582	18907	0	18907	3347	22254	49.94
13	5738	1216	420	7374	556	4117	0	235	8172	8243	-1642	18883	0	18883	3378	22261	49.97
14	5691	1140	419	7250	550	3829	0	211	8148	8359	-1625	18574	0	18574	3313	21887	49.98
15	5679	1472	420	7571	630	3814	0	207	8130	8427	-1570	19079	0	19079	3364	22443	49.93
16	5798	1635	429	7862	710	3922	0	151	8085	8375	-1561	19459	0	19459	3398	22857	49.96
17	5769	1560	422	7751	662	3976	0	96	7819	8223	-1541	19167	0	19167	3326	22493	49.95
18	5828	1473	424	7725	629	3787	0	37	7113	7250	-1534	17894	0	17894	3214	21108	49.96
19	5687	1156	427	7270	605	3820	0	2	6516	6374	-1302	16769	0	16769	3005	19774	49.91
20	5585	1708	426	7719	849	3988	0	0	5706	6134	-1187	17503	603	18106	3034	21140	49.89
21	5510	1477	439	7426	1048	4025	0	0	5570	5590	-1187	16902	305	17207	2955	20162	49.88
22	5512	1525	431	7468	922	4049	0	0	5595	5899	-1080	17258	0	17258	2827	20085	49.92
23	5603	1624	442	7669	1094	4037	0	0	5766	5692	-1134	17358	0	17358	2831	20189	49.88
24	5576	1658	445	7679	1048	4017	0	0	6012	6360	-1179	17925	0	17925	2871	20796	49.91
MUs	141.46	26.76	10.47	178.69	20.96	95.43	0.00	1.68	162.15	164.58	-29.16	432.19	0.91	433.10	68.06	501.16	49.94

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/2017

Position as on 6.30 Hrs of 19/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	Khaparkheda Unit 4	210	16/04/2017	14.14	18/04/2017	05.17	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		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Apr/2017

Position as on 6.30 Hrs of 19/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 3	250	17/04/2017	07.12		Continued.	Turbine bearing Vibration high	
MSPGCL	Koradi Unit 10	660	18/04/2017	11.51	18/04/2017	17.35	WSDT level high.	
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		Continued.	Flame loss.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 19/Apr/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Akola-II ckt-I	IntraState	17/04/2017	23.10	18/04/2017	04.47	EO	To Attend Line Reactor Problem.
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 I	InterState	17/04/2017	18.23	18/04/2017	06.40	HT	Over Voltage
Koradi Bhilai	InterState	18/04/2017	10.33	18/04/2017	12.41	T	Distance Protection
Dhule Sar'Sarovar II	InterState	18/04/2017	20.42		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/04/2017	20.39	18/04/2017	06.15	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/04/2017	09.21		Continued.	PO	Line Maintenance work (RFC AT 19.10)
Khadka-Aurangabad (Waluj)	IntraState	18/04/2017	19.56		Continued.	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 315MVA ICT-III @ Kharghar	IntraState	18/04/2017	09.27	18/04/2017	20.50	PO	Routine Maintenance Work
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.
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.
Wani-Warora	IntraState	18/04/2017	06.56	18/04/2017	11.44	PO	Replacement of flashover SIDC insulator string at LOC no.4 and 7.
K'Kheda- Suryalakshmi	IntraState	18/04/2017	07.03	18/04/2017	09.45	PO	Attending Oil Leakage
Kalwa - Airoli Knowledge Park	IntraState	18/04/2017	07.04	18/04/2017	13.40	PO	Routine Maintenance Work
Paranda Tap Osmanabad - Barshi	IntraState	18/04/2017	11.05	18/04/2017	13.58	PO	Tan Delta Measurment of CTs
Paranda-Barshi	IntraState	18/04/2017	14.10	18/04/2017	16.00	PO	Tan Delta Measurment of CTs
Kandalgaon - Koyna	IntraState	18/04/2017	14.39	18/04/2017	15.39	T	Distance Protection
Akola-Paras Ckt No-I	IntraState	18/04/2017	16.32	18/04/2017	16.43	T	Pdr opts and trip ckt faulty.
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)
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	18/04/2017	06.07	18/04/2017	06.27	T	Tripped on over load.
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	18/04/2017	06.07	18/04/2017	06.27	T	Tripped on over load.
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	18/04/2017	10.00	18/04/2017	11.57	PO	Quarterly Maintainance Work
132 KV LINE Outages/Trippings							
Amravati-Akola	IntraState	18/04/2017	08.11	18/04/2017	08.20	T	Distance Protection
Kaulewada-Madgi-li	IntraState	18/04/2017	11.35	18/04/2017	12.14	T	Distance Protection

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