

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 19/Apr/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.068	1908.971	1) Gujrat	-6.759	-92.444
2) Hydro	11.380	214.775	2) Madhya Pradesh	13.089	269.019
3) Gas	10.217	192.887	3) Chattisgarh	7.680	147.950
Total MSPGCL	152.665	2316.633	4) Maharashtra Net	96.956	1949.715
B) 1) APLM	59.199	1239.869	5) Goa (Amona)	-0.764	-9.864
2) JSWEL	27.899	505.970	6) TAPS 1&2 Injection	3.595	64.869
3) VIPL	13.688	239.043	7) RGPPL Injection	11.197	221.174
4) RPL(AMT)	18.023	300.268	8) Pench (MS)	0.123	2.588
5) WPCL	4.784	85.817	9) Pench (Excess)	-0.123	-2.588
6) Other IPP	6.138	140.018	Total	124.871	2547.831
C) 1) TPCL Thermal	16.867	299.634	a) Mumbai Schedule	26.642	515.126
2) TPCL Hydro	3.903	58.995	b) Mumbai Drawl	31.963	585.663
3) TPCL Gas	3.738	76.659	c) MSEDCL Bilateral *	32.755	608.532
4) R-INFRA Thermal	5.902	110.261	Include PX	-1.467	-63.977
D) STATE			d) Mumbai Bilateral *	26.642	515.126
1) Thermal	283.568	4829.851	Include PX	4.657	124.151
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	15.283	273.770	H) ENERGY CATERED (MUs)		
3) Gas	13.955	269.546	1) MSEDCL	385.629	7046.204
4) Wind	9.128	231.277	2) Mumbai Discoms	62.373	1131.218
6) SOLAR	1.197	25.141	TOTAL STATE	448.002	8177.422
TOTAL STATE	323.131	5629.585			

* 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	5701	5676	5584	4929
MSPGCL Hydro	1158	755	678	104
MSPGCL Gas	411	414	414	447
MSPGCL Total Generation	7270	6845	6676	5480
Central Sector Receipt	5664	5573	5394	4713
WIND	42	272	497	514
CPP / IPP	5497	5493	5355	5251
SOLAR	175	98	0	0
Exchange with Mumbai	-1514	-1476	-1452	-965
MSEDCL DEMAND MET	17134	16805	16470	14993
Load Shedding	0	70	0	0
MSEDCL DEMAND	17134	16875	16470	14993
TPCL GENERATION	1315	1307	1085	836
R-INFRA GENERATION	244	250	253	202
MUMBAI DEMAND	3073	3033	2790	2003
STATE DEMAND MET	20207	19838	19260	16996
STATE DEMAND	20207	19908	19260	16996
Frequency (Hz)	49.96	49.95	49.91	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18:32 Hrs	49.69 Hz at 23:07 Hrs	49.96	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/2016

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	0.00	0.00	0	0
Unit 8	8.64	35.79	362	360
Total	8.64	35.79		
Bhusawal				
Unit 2	3.39	70.92	145	125
Unit 3	4.00	66.77	175	160
Unit 4	11.14	198.44	500	350
Unit 5	11.25	201.59	510	350
Total	29.78	537.72		
Parli				
Unit 3	0.00	0.00	0	0
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
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.62	85.58	204	167
Unit 4	4.28	64.87	190	160
Unit 5	10.18	191.60	440	365
Unit 6	10.89	18.81	480	370
Unit 7	10.19	169.98	450	372
Total	40.17	530.85		
Paras				
Unit 3	6.08	105.68	260	250
Unit 4	6.01	99.03	260	229
Total	12.09	204.71		
Khaparkheda				
Unit 1	3.98	72.98	175	155
Unit 2	3.86	66.02	180	130
Unit 3	4.55	83.59	204	160
Unit 4	4.20	84.04	188	160
Unit 5	11.37	74.82	505	380
Total	27.97	381.45		
Nasik				
Unit 3	4.58	76.51	200	160
Unit 4	4.52	82.53	196	160
Unit 5	3.32	59.41	198	0
Total	12.42	218.45		
Uran				
All Units	10.22	192.89	448	389
Total	10.22	192.89		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.12	2.59	30	0
Total	0.12	2.59		
Koyna				
Stage 1-2	4.02	80.48	410	40
Stage 4	2.84	43.18	478	0
Stage 3	1.73	29.26	160	0
Total	8.59	152.92		
Hydro				
KDPH	0.69	12.30	29	28
VTRNA	0.49	9.46	61	0
TILLARI	0.14	3.66	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	3.39	40	0
RNGR+BHTSA	0.21	3.62	12	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.45	15.04	19	18
GHATGHAR	0.62	13.11	125	0
Total	2.79	61.85		
Wind				
Total	9.13	231.28	0	0
Total	9.13	231.28		
CPP				
APML(Mus)	59.20	1239.87	0	0
JSWEL(Mus)	27.90	505.97	0	0
VIPL(Mus)	13.69	239.04	0	0
RPLAMT(Mus)	18.02	300.27	0	0
WPCL(Mus)	4.78	85.82	0	0
Other(Mus)	6.14	140.02	0	0
Total	129.73	2510.98		
SOLAR				
Total	1.20	25.14	0	0
Total	1.20	25.14		
Tata				
Trombay 5	11.06	191.02	483	413
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.31	48.10	114	77
Trombay 7B	1.43	28.56	66	53
Trombay 8	5.80	108.55	247	213
TATA Hydro	3.90	59.00	438	18
Total	24.51	435.29		
R-INFRA				
1-2	5.90	110.26	260	202
Total	5.90	110.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	131.07	1908.97	MSPGCL Total	152.66	2316.63
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	141.28	2101.86	Koyna 1,2 & 4 Total	6.85	123.66
Koradi 9	0.00	0.00	MSPGCL Hydro	11.38	214.78	State Total	323.13	5629.58
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Apr/2016

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													
1	5510	334	446	6290	537	5489	0	5299	4993	-1401	15908	0	15908	2489	18397	49.97
2	5408	109	437	5954	444	5553	0	5202	4716	-1180	15487	0	15487	2258	17745	49.99
3	5036	99	446	5581	546	5257	0	5205	5381	-1113	15652	0	15652	2103	17755	49.95
4	4929	104	447	5480	514	5251	0	5142	4713	-965	14993	0	14993	2003	16996	49.97
5	4758	99	448	5305	478	5191	0	5096	5270	-965	15279	0	15279	1965	17244	49.97
6	5211	511	447	6169	430	5225	0	5092	4865	-984	15705	0	15705	2006	17711	49.99
7	5611	108	447	6166	430	5465	1	5119	5300	-914	16448	0	16448	2017	18465	50.01
8	5681	98	448	6227	388	5466	34	5196	5165	-998	16282	0	16282	2112	18394	50.03
9	5722	150	448	6320	345	5483	70	5346	5148	-1184	16182	0	16182	2360	18542	50.01
10	5720	471	437	6628	264	5492	122	5531	5577	-1346	16737	0	16737	2647	19384	49.98
11	5704	1121	423	7248	112	5503	147	5601	5328	-1423	16915	0	16915	2926	19841	49.93
12	5701	1158	411	7270	42	5497	175	5639	5664	-1514	17134	0	17134	3073	20207	49.96
13	5685	983	412	7080	47	5451	169	5576	5377	-1443	16681	0	16681	3012	19693	49.97
14	5687	560	415	6662	122	5489	167	5499	5589	-1498	16531	0	16531	3069	19600	49.98
15	5693	636	414	6743	226	5445	142	5527	5707	-1513	16750	0	16750	3070	19820	49.94
16	5676	755	414	6845	272	5493	98	5544	5573	-1476	16805	70	16875	3033	19908	49.95
17	5301	583	415	6299	374	5382	57	5580	5661	-1504	16269	0	16269	2942	19211	49.95
18	4866	447	415	5728	345	4999	15	5469	5262	-1412	14937	0	14937	2829	17766	49.96
19	5046	622	415	6083	425	4913	0	5264	5300	-1540	15181	0	15181	2838	18019	49.98
20	5584	678	414	6676	497	5355	0	5486	5394	-1452	16470	0	16470	2790	19260	49.91
21	5650	293	389	6332	598	5592	0	5373	5295	-1544	16273	0	16273	2785	19058	49.94
22	5650	309	414	6373	659	5599	0	4829	4583	-1488	15726	0	15726	2706	18432	49.95
23	5653	552	407	6612	520	5556	0	4636	4588	-1574	15702	0	15702	2672	18374	49.93
24	5586	600	408	6594	513	5584	0	4985	4422	-1532	15581	0	15581	2668	18249	49.90
MUs	131.07	11.38	10.22	152.67	9.13	129.73	1.20	127.24	124.87	-31.96	385.63	0.07	385.70	62.37	448.07	49.96

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/2016

Position as on 6.30 Hrs of 20/Apr/2016

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 synchronised 07.04.2016 (12.03hrs To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Koyna STG-IV Unit-2	250	19/04/2016	22.00		Continued.	Preventive Maintenance Work	
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 schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
IPP	RPL(AMT) U-5	270	03/04/2016	00.00		Continued.	Zero Shedule By MSEDCL.	
RGPL	Dabhol 2B	230	07/04/2016	14.02		Continued.	P.M.Work	
IPP	RPL(AMT) U-4	270	08/04/2016	04.02		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Uran Unit 8	108	08/04/2016	08.40		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	15/04/2016	00.00	19/04/2016	04.15	zero schedule	
MSPGCL	Koyna Unit 4	75	18/04/2016	17.00		Continued.	Turbine Bearing Oil Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Apr/2016

Position as on 6.30 Hrs of 20/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 20/Apr/2016

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							
Dhule Sar'Sarovar I	InterState	18/04/2016	18.08	19/04/2016	06.54	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	19/04/2016	11.09		Continued.	PO	Maintenance Work by GETCO.RFC @ 17.38 Hrs.
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	19/04/2016	14.45	19/04/2016	15.19	EO	For Shifting Load from B Bus to A Bus for Attending Hot Spot on Isolator.
Kolhapur Solapur (PG) II	InterState	19/04/2016	17.37	19/04/2016	22.46	EO	For Shifting Load from B Bus to A Bus for Attending Hot Spot on Isolator.RFC @ 19.00.
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
Karad-Jaigad - I	IntraState	18/04/2016	16.34	19/04/2016	06.49	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	19/04/2016	08.39	19/04/2016	23.14	PO	Routine Maintenance Work
Chandrapur-II - Nanded	IntraState	19/04/2016	10.25	19/04/2016	15.15	EO	Relay Replacement Work.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshtar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshtar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Pedambe-Nerle	IntraState	11/04/2016	13.10		Continued.	PO	CT Oil Leakage
Kalwa - Borivali	IntraState	18/04/2016	11.20		Continued.	HT	For Controlling Salsett-Borivali L/L
Colourchem - Temghar	IntraState	19/04/2016	04.06	19/04/2016	04.49	HT	Main Breaker Lockout at C'Chem(Taken on TBC)
Sahara-Urse	IntraState	19/04/2016	08.59	19/04/2016	09.56	T	Distance Protection R-B Ph Trip.Zone-1.
Mumewadi -Halkarni I	IntraState	19/04/2016	09.02	19/04/2016	17.00	PO	Diagnostic Testing Work,Problem @ Halkarni End,Charged from Mumewadi End Only.
Niwali - Pawas Line	IntraState	19/04/2016	09.07	19/04/2016	18.41	PO	Line Maintenance work
Kalwa-Salsette-VI	IntraState	19/04/2016	10.20	20/04/2016	04.05	HT	For Controlling 220KV Salsett-Borivali.
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 100 Mva Ict 2 @Tuljapur	IntraState	19/04/2016	08.37	19/04/2016	11.51	PO	Quarterly Maintanance Work

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