

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Apr/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.812	3663.375	1) Gujrat	-1.093	13.304
2) Hydro	18.062	406.295	2) Madhya Pradesh	16.762	277.171
3) Gas	8.902	238.945	3) Chattisgarh	7.240	133.100
Total MSPGCL	178.776	4308.615	4) Maharashtra Net	134.437	3195.044
B) 1) APML	48.187	1156.043	5) Goa (Amona)	-0.616	-15.112
2) JSWEL	24.102	513.257	Total	156.730	3603.507
3) VIPL	7.194	238.653	a) Mumbai Schedule	25.876	602.842
4) RPL(AMT)	9.414	482.293	b) Mumbai Drawl	27.591	667.390
5) WPCL	4.967	86.130	c) MSEDCL Bilateral *	41.805	860.418
6) PGPL	0.000	0.000	Include PX	16.139	143.392
7) Other IPP	3.640	88.925	d) Mumbai Bilateral *	25.876	602.842
C) 1) TPCL Thermal	16.518	381.287	Include PX	8.616	151.142
2) TPCL Hydro	4.545	91.681	Include Standby	0.000	0.000
3) TPCL Gas	4.525	107.969	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.828	275.759	1) MSEDCL	425.698	10214.006
D) STATE			2) Mumbai Discoms	65.004	1524.086
1) Thermal	277.662	6885.722	TOTAL STATE	490.702	11738.092
(A1+C1+C4+(B1-B6))					
2) Hydro	22.607	497.976			
(A2+C2)					
3) Gas	13.427	346.914			
(A3+B6+C3)					
4) Wind	18.473	365.983			
6) SOLAR	1.806	37.990			
TOTAL STATE	333.975	8134.585			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6130	6201	6197	6531
MSPGCL Hydro	943	1049	1579	142
MSPGCL Gas	448	437	0	463
MSPGCL Total Generation	7521	7687	7776	7136
Central Sector Receipt	7818	7426	5793	5479
WIND	629	830	796	763
CPP / IPP Thermal	4174	4151	4049	3999
CPP / IPP Gas	0	0	0	0
SOLAR	260	165	0	0
Exchange with Mumbai	-1446	-1442	-1031	-679
MSEDCL DEMAND MET	18956	18817	17383	16698
Load Shedding	0	0	0	0
MSEDCL DEMAND	18956	18817	17383	16698
TPCL GENERATION	1297	1287	1273	836
R-INFRA GENERATION	493	496	504	506
MUMBAI DEMAND	3236	3225	2808	2021
STATE DEMAND MET	22192	22042	20191	18719
STATE DEMAND	22192	22042	20191	18719
Frequency (Hz)	49.91	49.92	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.73 Hz at 19.18 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 24/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	1.62	81.91	170	0
Unit 8	0.00	248.11	0	0
Unit 9	13.09	285.76	601	416
Unit 10	9.66	118.17	598	270
Total	24.36	733.96		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.08	97.34	175	165
Unit 4	10.76	234.28	480	370
Unit 5	10.79	235.52	495	370
Total	25.64	567.14		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.89	139.83	250	218
Unit 7	5.47	114.39	252	155
Unit 8	4.43	33.74	230	125
Total	15.78	287.95		
Chandrapur				
Unit 3	4.62	105.00	197	184
Unit 4	4.68	112.09	198	192
Unit 5	10.66	211.65	450	435
Unit 6	10.12	238.10	430	405
Unit 7	0.00	0.00	0	0
Unit 8	10.73	212.67	470	410
Unit 9	0.88	147.90	260	0
Total	41.71	1027.41		
Paras				
Unit 3	1.63	97.53	210	0
Unit 4	5.97	126.13	257	222
Total	7.60	223.66		
Khaparkheda				
Unit 1	4.22	98.12	190	150
Unit 2	4.38	98.46	185	165
Unit 3	4.51	103.48	200	160
Unit 4	4.10	91.37	180	162
Unit 5	10.25	223.08	455	380
Total	27.45	614.51		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.68	68.02	208	167
Unit 5	4.60	104.72	204	168
Total	9.28	208.74		
Uran				
All Units	8.90	238.94	464	0
Total	8.90	238.94		
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)	0.18	1.98	24	0
Total	0.18	1.98		
Koyna				
Stage 1-2	6.32	120.63	525	40
Stage 4	6.88	151.96	950	0
Stage 3	2.68	60.58	240	0
Total	15.87	333.17		
Hydro				
KDPH	0.00	13.97	0	0
VTRNA	0.74	13.02	61	0
TILLARI	0.01	2.41	7	0
BHTGR/VEER	0.03	0.06	2	1
BHIRA T.R.	0.21	4.87	60	0
RNGR+BHTSA	0.29	6.72	13	12
BHANDARDRA	0.48	12.01	40	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	11.28	28	16
GHATGHAR	0.00	8.78	0	0
Total	2.19	73.12		
Wind				
Total	18.47	365.98	0	0
Total	18.47	365.98		
CPP				
APML(Mus)	48.19	1156.04	0	0
JSWEL(Mus)	24.10	513.26	0	0
VIPL(Mus)	7.19	238.65	0	0
RPLAMT(Mus)	9.41	482.29	0	0
WPCL(Mus)	4.97	86.13	0	0
Other(Mus)	3.64	88.92	0	0
Total	97.50	2565.30		
SOLAR				
Total	1.81	37.99	0	0
Total	1.81	37.99		
Tata				
Trombay 5	10.98	250.12	493	331
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	69.48	123	120
Trombay 7B	1.61	38.49	68	66
Trombay 8	5.54	131.16	249	199
TATA Hydro	4.54	91.68	410	55
Total	25.59	580.94		
R-INFRA				
DTPS U-1&2	11.83	275.76	508	397
Total	11.83	275.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.81	3663.38	MSPGCL Total	178.78	4308.62
			MSPGCL Thml+Gas	160.71	3902.32	Koyna 1,2 & 4 Total	13.20	272.59
			MSPGCL Hydro	18.06	406.30	State Total	333.98	8134.58

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	6556	836	452	7844	622	4142	0	0	5730	6097	-957	17748	0	17748	2500	20248	50.01
2	6407	634	453	7494	709	3955	0	0	5835	5925	-852	17231	0	17231	2334	19565	49.99
3	6432	243	453	7128	796	3965	0	0	5766	5760	-759	16890	0	16890	2178	19068	49.98
4	6475	115	455	7045	814	3961	0	0	5539	5600	-728	16692	0	16692	2068	18760	50.01
5	6531	142	463	7136	763	3999	0	0	5494	5479	-679	16698	0	16698	2021	18719	49.99
6	6615	261	456	7332	854	4027	0	0	5734	5802	-693	17322	0	17322	2044	19366	49.99
7	6608	387	457	7452	854	4010	0	6	6578	6541	-717	18146	0	18146	2088	20234	50.02
8	6601	199	454	7254	735	4033	0	51	6945	6500	-847	17726	0	17726	2171	19897	50.02
9	6239	392	464	7095	683	4142	0	118	6760	6968	-1311	17695	0	17695	2525	20220	49.99
10	6605	323	446	7374	599	4178	0	184	6749	6627	-1341	17621	0	17621	2849	20470	49.97
11	6313	676	429	7418	578	4178	0	206	7017	7137	-1465	18052	0	18052	3149	21201	49.93
12	6130	943	448	7521	629	4174	0	260	7695	7818	-1446	18956	0	18956	3236	22192	49.91
13	6127	720	434	7281	709	4173	0	242	7731	7806	-1526	18685	0	18685	3224	21909	49.93
14	6197	736	430	7363	711	4138	0	222	7614	7633	-1454	18613	0	18613	3139	21752	49.95
15	6246	781	431	7458	821	4130	0	212	7558	7664	-1523	18762	0	18762	3211	21973	49.94
16	6201	1049	437	7687	830	4151	0	165	7609	7426	-1442	18817	0	18817	3225	22042	49.92
17	6206	707	436	7349	967	4133	0	98	7299	7278	-1463	18362	0	18362	3189	21551	49.94
18	6104	427	441	6972	1038	4035	0	39	6552	6732	-1390	17426	0	17426	3047	20473	49.96
19	5817	355	433	6605	999	3832	0	3	6519	6654	-1525	16568	0	16568	2926	19494	49.98
20	6189	1373	244	7806	860	4039	0	0	5728	5728	-1207	17226	0	17226	2914	20140	49.91
21	6197	1579	0	7776	796	4049	0	0	5468	5793	-1031	17383	0	17383	2808	20191	49.95
22	6253	1719	21	7993	687	4025	0	0	5370	5618	-1031	17292	0	17292	2783	20075	49.93
23	6349	1715	68	8132	682	4015	0	0	5440	5814	-1119	17524	0	17524	2693	20217	49.92
24	6414	1750	97	8261	737	4024	0	0	5839	6330	-1085	18267	0	18267	2685	20952	49.92
MUs	151.81	18.06	8.90	178.78	18.47	97.50	0.00	1.81	154.57	156.73	-27.59	425.70	0.00	425.70	65.01	490.71	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 24/Apr/2017

Position as on 6.30 Hrs of 25/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	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	
MSPGCL	Chandrapur Unit 9	500	16/04/2017	20.10	24/04/2017	18.29	Air preheater problem.	
MSPGCL	Paras Unit 3	250	17/04/2017	07.12	24/04/2017	14.03	Turbine bearing Vabration high	
IPP	Adani U-1	660	18/04/2017	13.12		Continued.	Due to coal shortage.	
IPP	RPL(AMT) U-3	270	19/04/2017	19.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit-8	660	20/04/2017	13.34	25/04/2017	04.07	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	24/04/2017	09.46	25/04/2017	00.43	Station transformer supply fault.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Apr/2017

Position as on 6.30 Hrs of 25/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit A0	120	24/04/2017	19.32	24/04/2017	23.43	Gas Skid Trip	
MSPGCL	Uran Unit 7	108	24/04/2017	19.32	24/04/2017	21.48	Gas Skid Trip	
MSPGCL	Uran Unit 6	108	24/04/2017	19.32	24/04/2017	21.18	Gas Skid Trip	
MSPGCL	Uran Unit 5	108	24/04/2017	19.32	25/04/2017	05.32	Gas Skid Trip	
MSPGCL	Uran Unit B0	120	24/04/2017	19.32	25/04/2017	02.09	Gas Skid Trip	
CPP	SWPGL U-3	135	25/04/2017	00.01		Continued.	ESP.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 25/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 - Tirora ckt-II	IntraState	24/04/2017	6.25	24/04/2017	08.43	PO	Line Maintenance work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	23/04/2017	18.08	24/04/2017	07.16	HT	Over Voltage
Karad Solapur (PG)	InterState	24/04/2017	11.44	24/04/2017	14.48	PO	outage for pmu work.
Lamboti - Solapur (PG)	InterState	24/04/2017	16.51	24/04/2017	18.51	PO	outage for pmu work.
Dhule Sar'Sarovar II	InterState	24/04/2017	19.29		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/04/2017	19.51	24/04/2017	05.55	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	24/04/2017	08.54	24/04/2017	13.20	PO	online pid work.
Bhusawal-Aurangabad	IntraState	24/04/2017	10.03		Continued.	HT	Routine Maintenance Work
Nagothane - Dabhol-II	IntraState	24/04/2017	11.59	24/04/2017	20.09	PO	cold line washing.
Parly(MS)- Nanded ckt I	IntraState	24/04/2017	14.41	24/04/2017	14.56	PO	line reactor in service at parli.
Babhaleshtar - Padghe-I	IntraState	25/04/2017	6.27	25/04/2017	6.36	T	Distance Protection
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 Padghe.
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	24/04/2017	06.15	24/04/2017	13.15	T	Distance Protection
Tillari Amona	InterState	25/04/2017	05.33	25/04/2017	06.47	T	Distance Protection
Mahalakshmi Amona	InterState	25/04/2017	05.33	25/04/2017	6.28	T	Distance Protection
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.
Ghodbunder MSETCL Boisar line	IntraState	20/04/2017	09.07	24/04/2017	17.11	PO	Stringing of Conductor.
Mudshingi-Belewadi	IntraState	24/04/2017	09.12	24/04/2017	15.40	PO	cold line washing.
Oni Kharepatan Line	IntraState	24/04/2017	09.15	24/04/2017	18.02	PO	Routine Maintenance Work
Pedhambe - Oni	IntraState	24/04/2017	09.15	24/04/2017	18.45	PO	Routine Maintenance Work
Mururd - Tuljapur	IntraState	24/04/2017	10.21	24/04/2017	15.18	PO	conversion of ssn to dsu.
Akola-Paras Ckt No-I	IntraState	24/04/2017	10.38	24/04/2017	19.02	PO	Routine Maintenance Work
Ambazari-Amravati	IntraState	24/04/2017	11.35	24/04/2017	13.23	PO	bay maintenance work.
Harangul-Parly	IntraState	24/04/2017	18.00		Continued.	PO	Distance Relay replacement Work.
Bhosari- Bhosari 2	IntraState	24/04/2017	21.05	25/04/2017	02.33	T	LA replacement.
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)
220/132kv 200MVA ICT-III @ Nanded	IntraState	22/04/2017	10.24		Continued.	PO	Oil Filtration of ICT
132 KV LINE Outages/Trippings							
Morshi-Warud	IntraState	24/04/2017	07.08	24/04/2017	09.45	EO	Attending Hot Spot

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