

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Mar/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.991	2022.412	1) Gujrat	-0.233	6.510
2) Hydro	9.943	186.360	2) Madhya Pradesh	14.042	222.099
3) Gas	10.497	165.334	3) Chattisgarh	9.660	133.320
Total MSPGCL	140.431	2374.106	4) Maharashtra Net	125.919	2079.046
B) 1) APML	71.343	1131.039	5) Goa (Amona)	-0.792	-10.498
2) JSWEL	17.330	257.499	Total	148.596	2430.477
3) VIPL	12.441	113.570	a) Mumbai Schedule	20.970	303.771
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.096	342.410
5) WPCL	2.850	51.024	c) MSEDCL Bilateral *	34.547	567.848
6) PGPL	0.000	0.000	Include PX	7.309	112.387
7) Other IPP	5.725	96.414	d) Mumbai Bilateral *	20.970	303.771
C) 1) TPCL Thermal	14.620	228.362	Include PX	3.440	106.254
2) TPCL Hydro	4.966	59.572	Include Standby	0.000	0.000
3) TPCL Gas	4.432	71.075	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.524	165.412	1) MSEDCL	384.744	6265.754
D) STATE			2) Mumbai Discoms	57.638	866.820
1) Thermal	254.824	4065.732	TOTAL STATE	442.382	7132.574
(A1+C1+C4+(B1-B6))					
2) Hydro	14.909	245.932			
(A2+C2)					
3) Gas	14.929	236.409			
(A3+B6+C3)					
4) Wind	7.778	131.827			
6) SOLAR	1.346	22.208			
TOTAL STATE	293.786	4702.108			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5452	5231	4656	4849
MSPGCL Hydro	790	841	437	131
MSPGCL Gas	419	416	423	439
MSPGCL Total Generation	6661	6488	5516	5419
Central Sector Receipt	7129	7171	6334	5106
WIND	38	86	823	53
CPP / IPP Thermal	4769	4806	4173	4219
CPP / IPP Gas	0	0	0	0
SOLAR	189	185	0	0
Exchange with Mumbai	-1121	-1072	-1287	-553
MSEDCL DEMAND MET	17665	17664	15559	14244
Load Shedding	0	0	0	0
MSEDCL DEMAND	17665	17664	15559	14244
TPCL GENERATION	1341	1355	1056	699
R-INFRA GENERATION	498	502	386	387
MUMBAI DEMAND	2960	2929	2729	1639
STATE DEMAND MET	20625	20593	18288	15883
STATE DEMAND	20625	20593	18288	15883
Frequency (Hz)	50.00	49.97	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 18.01 Hrs	49.73 Hz at 22.37 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 16/Mar/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	0.00	0.00	0	0
Unit 8	12.74	215.66	609	460
Unit 9	9.56	138.47	406	374
Unit 10	0.00	0.00	0	0
Total	22.30	354.13		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	10.38	166.54	510	365
Unit 5	10.38	166.74	510	370
Total	20.76	342.33		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.25	86.16	250	193
Unit 7	5.08	83.98	234	187
Unit 8	0.00	0.00	0	0
Total	10.33	170.14		
Chandrapur				
Unit 3	4.46	70.73	191	171
Unit 4	4.58	56.82	195	170
Unit 5	10.51	160.40	455	370
Unit 6	10.31	129.86	450	370
Unit 7	0.00	0.00	0	0
Unit 8	0.01	100.75	13	0
Unit 9	10.82	114.29	480	400
Total	40.69	632.84		
Paras				
Unit 3	0.10	0.10	70	0
Unit 4	5.41	88.39	253	198
Total	5.51	88.49		
Khaparkheda				
Unit 1	0.00	6.32	0	0
Unit 2	2.14	57.16	200	0
Unit 3	0.00	43.03	0	0
Unit 4	0.00	26.57	0	0
Unit 5	10.19	167.26	500	380
Total	12.33	300.34		
Nasik				
Unit 3	4.10	67.42	175	170
Unit 4	3.97	66.73	173	160
Unit 5	0.00	0.00	0	0
Total	8.07	134.15		
Uran				
All Units	10.50	165.33	459	414
Total	10.50	165.33		
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)	0.06	1.64	21	0
Total	0.06	1.64		
Koyna				
Stage 1-2	1.78	44.14	265	40
Stage 4	3.67	42.20	612	0
Stage 3	0.87	18.67	80	0
Total	6.32	105.02		
Hydro				
KDPH	0.86	13.82	36	35
VTRNA	1.08	18.74	60	0
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.21	3.07	53	0
RNGR+BHTSA	0.32	5.00	14	13
BHANDARDRA	0.48	7.67	36	13
ELDARY	0.25	2.65	11	10
SMLHY_PTN	0.43	8.53	18	17
GHATGHAR	0.00	13.81	0	0
Total	3.63	81.34		
Wind				
Total	7.78	131.83	0	0
Total	7.78	131.83		
CPP				
APML(Mus)	71.34	1131.04	0	0
JSWEL(Mus)	17.33	257.50	0	0
VIPL(Mus)	12.44	113.57	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.85	51.02	0	0
Other(Mus)	5.72	96.41	0	0
Total	109.69	1649.55		
SOLAR				
Total	1.35	22.21	0	0
Total	1.35	22.21		
Tata				
Trombay 5	9.41	145.09	493	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	45.56	122	108
Trombay 7B	1.60	25.51	68	63
Trombay 8	5.21	83.27	249	199
TATA Hydro	4.97	59.57	459	8
Total	24.02	359.01		
R-INFRA				
1-2	10.52	165.41	510	386
Total	10.52	165.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.99	2022.41	MSPGCL Total	140.43	2374.11
			MSPGCL Thml+Gas	130.49	2187.75	Koyna 1,2 & 4 Total	5.45	86.35
			MSPGCL Hydro	9.94	186.36	State Total	293.79	4702.11

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Mar/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	4812	260	446	5518	158	4294	0	0	5769	5805	-879	14896	0	14896	2004	16900	49.89
2	4836	137	448	5421	112	4439	0	0	5788	5383	-688	14667	0	14667	1776	16443	49.94
3	4828	136	446	5410	92	4324	0	0	5690	4973	-612	14187	0	14187	1699	15886	49.95
4	4849	131	439	5419	53	4219	0	0	5509	5106	-553	14244	0	14244	1639	15883	49.97
5	4847	141	456	5444	81	4277	0	0	5522	5364	-560	14606	0	14606	1649	16255	49.96
6	5097	146	439	5682	74	4649	0	0	5807	5603	-576	15432	0	15432	1755	17187	49.93
7	5396	534	449	6379	38	4781	0	0	6045	6400	-453	17145	0	17145	1926	19071	49.97
8	5364	609	442	6415	47	4772	0	18	6803	6661	-588	17325	0	17325	2092	19417	49.99
9	5302	353	439	6094	28	4767	0	64	6923	6887	-768	17072	0	17072	2370	19442	49.93
10	5329	393	459	6181	30	4765	0	125	6407	6393	-880	16614	0	16614	2704	19318	49.95
11	5363	936	431	6730	31	4781	0	160	6708	6510	-1053	17159	0	17159	2928	20087	49.99
12	5452	790	419	6661	38	4769	0	189	7206	7129	-1121	17665	0	17665	2960	20625	50.00
13	5231	841	416	6488	86	4806	0	185	7083	7171	-1072	17664	0	17664	2929	20593	49.97
14	5227	804	418	6449	143	4764	0	186	6745	6892	-1012	17422	0	17422	2820	20242	49.96
15	5231	794	414	6439	367	4742	0	167	6782	7023	-1056	17682	0	17682	2847	20529	49.90
16	5229	518	425	6172	445	4763	0	132	7114	6979	-1073	17418	0	17418	2848	20266	49.87
17	5045	389	420	5854	649	4716	0	87	6620	6456	-1160	16602	0	16602	2822	19424	49.90
18	4794	350	431	5575	773	4726	0	32	6180	6015	-1275	15846	0	15846	2748	18594	49.96
19	4685	374	444	5503	832	4288	0	1	6193	6164	-1324	15464	0	15464	2682	18146	49.95
20	4656	437	423	5516	823	4173	0	0	6041	6334	-1287	15559	0	15559	2729	18288	49.99
21	4695	222	442	5359	756	4554	0	0	6091	5936	-1377	15228	0	15228	2634	17862	49.97
22	4653	195	441	5289	745	4573	0	0	6112	5738	-1299	15046	0	15046	2444	17490	49.97
23	4447	254	456	5157	728	4279	0	0	6081	5872	-1233	14803	0	14803	2353	17156	49.93
24	4623	199	454	5276	649	4467	0	0	5976	5802	-1197	14997	0	14997	2280	17277	49.97
MUs	119.99	9.94	10.50	140.43	7.78	109.69	0.00	1.35	151.20	148.60	-23.10	384.74	0.00	384.74	57.64	442.38	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 16/Mar/2017

Position as on 6.30 Hrs of 17/Mar/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	Paras Unit 3	250	25/10/2016	08.54	16/03/2017	22.30	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
MSPGCL	Koyana Unit 7	80	10/02/2017	11.20		Continued.	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 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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
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	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Mar/2017

Position as on 6.30 Hrs of 17/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	02/03/2017	13.08		Continued.	zero schedule.	
MSPGCL	Bhusawal Unit 3	210	03/03/2017	06.42		Continued.	zero schedule	
MSPGCL	Khaparkheda Unit 4	210	07/03/2017	07.19		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-3	135	08/03/2017	15.00		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 3	210	10/03/2017	23.50		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit-8	500	16/03/2017	00.07		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	16/03/2017	12.02		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	17/03/2017	00.25	17/03/2017	03.11	Low Vaccum	
MSPGCL	Paras Unit 3	250	17/03/2017	04.10		Continued.	Low Vaccum	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 17/Mar/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	16/03/2017	16.13	16/03/2017	19.03	T	line protection operated.
Chandrapur - Padghe Hvdc Pole 2	IntraState	16/03/2017	23.59	17/03/2017	00.51	EO	To attend Hot Spot
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	15/03/2017	20.07	16/03/2017	05.58	HT	Over Voltage
Padgha - Boisar (PG)	InterState	16/03/2017	12.51	16/03/2017	16.10	T	Distance Protection
Dhule Sar'Sarovar II	InterState	16/03/2017	18.31	17/03/2017	5.52	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/03/2017	20.01	16/03/2017	06.41	HT	Over Voltage
Girwali- Lonikand 2	IntraState	16/03/2017	10.27	16/03/2017	16.10	PO	Quarterly Maintainance Work
Chandrapur - Parli	IntraState	16/03/2017	16.39	16/03/2017	17.51	T	Distance Protection
karad -kolhapur-I	IntraState	16/03/2017	17.27		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/03/2017	19.19	17/03/2017	06.18	HT	Over Voltage
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.
Kharghar - Tss Panvel	IntraState	05/03/2017	08.16		Continued.	PO	Removal of bunching to from TSS -PGPL line.
Kharghar-PGPL	IntraState	05/03/2017	08.35		Continued.	EO	Removal of bunching to from TSS -PGPL line.
Miraj - Mhaishal	IntraState	14/03/2017	14.50		Continued.	PO	Construction Work.
Theur-Phursungi	IntraState	16/03/2017	10.16	16/03/2017	17.53	PO	testing work.
Kharepatan -Pawas Line	IntraState	16/03/2017	11.22	16/03/2017	14.19	PO	Testing Work
Virur - Virurlytss1	IntraState	16/03/2017	12.05	16/03/2017	16.05	PO	Attending Oil Leakage
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	16/03/2017	13.02	16/03/2017	15.23	PO	relay retrofitting work.
Bableshwar -Bhenda	IntraState	16/03/2017	13.36	16/03/2017	19.11	PO	testing work.
Aurangabad - Chitegaon	IntraState	16/03/2017	14.14	16/03/2017	19.12	PO	diagnostic testing work.
Chandrapur GCR - Sicom II	IntraState	16/03/2017	14.18	16/03/2017	17.41	EO	Attending Hot Spot
Parli 2 (Girwali)- Parbhani	IntraState	16/03/2017	14.35	16/03/2017	17.35	PO	Routine Maintenance Work
Kandalgaon - Pirangut	IntraState	16/03/2017	15.08	16/03/2017	19.10	PO	diagnostic testing work.
Chandrapur GCR -MIDC (Chandrapur)	IntraState	16/03/2017	18.09	16/03/2017	18.50	T	Distance Protection
chandrapur-Tadali	IntraState	16/03/2017	18.09		Continued.	PO	ct to isolator bph jumper opened at tadli end.
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)
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	16/03/2017	09.00	16/03/2017	18.36	PO	Testing Work
132 KV LINE Outages/Trippings							
Parli- Gangakhed	IntraState	15/03/2017	15.58	16/03/2017	09.07	T	Distance Protection
Ujani - Ausa	IntraState	15/03/2017	16.02	16/03/2017	04.23	T	Distance Protection
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	16/03/2017	11.12	16/03/2017	18.49	PO	tree trimming.

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