

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Mar/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.337	1902.421	1) Gujrat	-0.545	6.743
2) Hydro	12.376	176.417	2) Madhya Pradesh	13.642	208.057
3) Gas	10.509	154.837	3) Chattisgarh	7.730	123.660
Total MSPGCL	150.222	2233.675	4) Maharashtra Net	128.008	1953.127
B) 1) APML	69.275	1059.696	5) Goa (Amona)	-0.418	-9.706
2) JSWEL	17.544	240.169	Total	148.417	2281.881
3) VIPL	12.177	101.129	a) Mumbai Schedule	19.933	282.801
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.285	319.314
5) WPCL	2.726	48.174	c) MSEDCL Bilateral *	33.258	533.301
6) PGPL	0.000	0.000	Include PX	5.494	105.078
7) Other IPP	5.332	90.689	d) Mumbai Bilateral *	19.933	282.801
C) 1) TPCL Thermal	14.502	213.742	Include PX	2.647	102.814
2) TPCL Hydro	4.158	54.606	Include Standby	0.000	0.000
3) TPCL Gas	4.350	66.643	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.493	154.888	1) MSEDCL	390.997	5881.010
D) STATE			2) Mumbai Discoms	56.788	809.182
1) Thermal	259.386	3810.908	TOTAL STATE	447.785	6690.192
(A1+C1+C4+(B1-B6))					
2) Hydro	16.534	231.023			
(A2+C2)					
3) Gas	14.859	221.480			
(A3+B6+C3)					
4) Wind	7.325	124.049			
6) SOLAR	1.264	20.862			
TOTAL STATE	299.368	4408.322			

* 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 3 Hrs
MSPGCL Thermal	5838	5845	5202	4696
MSPGCL Hydro	1060	1078	319	204
MSPGCL Gas	436	419	438	451
MSPGCL Total Generation	7334	7342	5959	5351
Central Sector Receipt	6952	6862	6361	5451
WIND	280	158	321	467
CPP / IPP Thermal	4636	4657	4513	4136
CPP / IPP Gas	0	0	0	0
SOLAR	181	180	0	0
Exchange with Mumbai	-1117	-1166	-1311	-559
MSEDCL DEMAND MET	18266	18033	15843	14846
Load Shedding	0	0	0	0
MSEDCL DEMAND	18266	18033	15843	14846
TPCL GENERATION	1308	1233	1028	687
R-INFRA GENERATION	499	502	387	387
MUMBAI DEMAND	2924	2901	2726	1633
STATE DEMAND MET	21190	20934	18569	16479
STATE DEMAND	21190	20934	18569	16479
Frequency (Hz)	49.97	49.93	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.01 Hrs	49.73 Hz at 09.08 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 15/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	12.36	202.91	570	330
Unit 9	8.96	128.91	400	350
Unit 10	0.00	0.00	0	0
Total	21.32	331.83		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	10.46	156.16	510	370
Unit 5	10.40	156.36	510	370
Total	20.86	321.57		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.10	80.91	245	176
Unit 7	5.12	78.90	252	140
Unit 8	0.00	0.00	0	0
Total	10.22	159.81		
Chandrapur				
Unit 3	4.41	66.26	195	165
Unit 4	4.46	52.24	194	175
Unit 5	10.06	149.89	455	365
Unit 6	9.92	119.55	440	365
Unit 7	0.00	0.00	0	0
Unit 8	9.57	100.74	467	300
Unit 9	8.46	103.46	428	114
Total	46.89	592.15		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.33	82.98	250	195
Total	5.33	82.98		
Khaparkheda				
Unit 1	0.00	6.32	0	0
Unit 2	4.22	55.02	200	160
Unit 3	0.00	43.03	0	0
Unit 4	0.00	26.57	0	0
Unit 5	10.46	157.07	500	380
Total	14.69	288.00		
Nasik				
Unit 3	4.05	63.32	175	165
Unit 4	3.98	62.76	170	161
Unit 5	0.00	0.00	0	0
Total	8.03	126.08		
Uran				
All Units	10.51	154.84	455	418
Total	10.51	154.84		
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	1.58	33	0
Total	0.05	1.58		
Koyna				
Stage 1-2	1.18	42.37	115	40
Stage 4	5.80	38.53	828	0
Stage 3	1.18	17.80	160	0
Total	8.16	98.70		
Hydro				
KDPH	0.86	12.96	36	36
VTRNA	1.44	17.66	60	60
TILLARI	0.22	7.52	60	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.22	2.86	80	0
RNGR+BHTSA	0.32	4.69	14	13
BHANDARDRA	0.48	7.19	21	20
ELDARY	0.25	2.40	11	10
SMLHY_PTN	0.43	8.10	18	17
GHATGHAR	0.00	13.81	0	0
Total	4.22	77.71		
Wind				
Total	7.32	124.05	0	0
Total	7.32	124.05		
CPP				
APML(Mus)	69.28	1059.70	0	0
JSWEL(Mus)	17.54	240.17	0	0
VIPL(Mus)	12.18	101.13	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.73	48.17	0	0
Other(Mus)	5.33	90.69	0	0
Total	107.05	1539.86		
SOLAR				
Total	1.26	20.86	0	0
Total	1.26	20.86		
Tata				
Trombay 5	9.28	135.68	493	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	42.73	122	103
Trombay 7B	1.58	23.92	68	62
Trombay 8	5.23	78.06	249	199
TATA Hydro	4.16	54.61	435	0
Total	23.01	334.99		
R-INFRA				
1-2	10.49	154.89	510	386
Total	10.49	154.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.34	1902.42	MSPGCL Total	150.22	2233.68
			MSPGCL Thml+Gas	137.85	2057.26	Koyna 1,2 & 4 Total	6.98	80.90
			MSPGCL Hydro	12.38	176.42	State Total	299.37	4408.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	4644	204	442	5290	298	4460	0	0	5907	5809	-796	15061	0	15061	1865	16926	49.95
2	4583	199	452	5234	335	4206	0	0	5807	5798	-645	14928	0	14928	1715	16643	49.95
3	4696	204	451	5351	467	4136	0	0	5694	5451	-559	14846	0	14846	1633	16479	49.97
4	4725	203	452	5380	499	3898	0	0	5439	5663	-491	14949	0	14949	1575	16524	49.95
5	4820	208	452	5480	482	3868	0	0	5424	5826	-504	15152	0	15152	1586	16738	49.92
6	5013	203	452	5668	438	4477	0	0	5589	5894	-511	15966	0	15966	1649	17615	49.92
7	5473	543	452	6468	435	4681	0	0	5862	5946	-508	17022	0	17022	1869	18891	49.94
8	5650	775	455	6880	377	4693	0	17	6520	6497	-504	17960	0	17960	2035	19995	49.95
9	5825	433	437	6695	342	4706	0	70	6788	6740	-819	17734	0	17734	2388	20122	49.95
10	5856	726	432	7014	292	4678	0	120	6186	5934	-970	17068	0	17068	2613	19681	49.91
11	5835	1230	422	7487	234	4646	0	168	6366	6249	-1196	17588	0	17588	2888	20476	49.97
12	5838	1060	436	7334	280	4636	0	181	7034	6952	-1117	18266	0	18266	2924	21190	49.97
13	5845	1078	419	7342	158	4657	0	180	7080	6862	-1166	18033	0	18033	2901	20934	49.93
14	5821	897	422	7140	80	4676	0	170	6824	6722	-1130	17658	0	17658	2811	20469	49.96
15	5773	931	418	7122	83	4687	0	146	6802	6880	-1195	17723	0	17723	2865	20588	49.98
16	5810	938	423	7171	149	4716	0	114	6766	6784	-1185	17749	0	17749	2862	20611	49.92
17	5574	578	436	6588	182	4689	0	72	6501	6632	-1190	16973	0	16973	2829	19802	49.96
18	5335	394	422	6151	271	4677	0	26	5993	6025	-1252	15898	0	15898	2776	18674	49.97
19	5207	320	424	5951	277	4556	0	0	6110	6056	-1279	15561	0	15561	2684	18245	49.98
20	5202	319	438	5959	321	4513	0	0	6250	6361	-1311	15843	0	15843	2726	18569	49.99
21	5067	257	446	5770	431	4323	0	0	6153	5960	-1311	15173	0	15173	2615	17788	49.95
22	4917	202	443	5562	345	4171	0	0	5958	5868	-1333	14613	0	14613	2479	17092	49.97
23	4913	202	446	5561	344	4165	0	0	5904	5733	-1178	14625	0	14625	2301	16926	49.95
24	4915	272	437	5624	205	4139	0	0	5762	5775	-1135	14608	0	14608	2199	16807	49.98
MUs	127.34	12.38	10.51	150.22	7.33	107.05	0.00	1.26	148.72	148.42	-23.28	391.00	0.00	391.00	56.79	447.78	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 15/Mar/2017

Position as on 6.30 Hrs of 16/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		Continued.	(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 15/Mar/2017

Position as on 6.30 Hrs of 16/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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 16/Mar/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							
Dhule Sar'Sarovar II	InterState	14/03/2017	18.04	15/03/2017	07.11	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	15/03/2017	20.07	16/03/2017	05.58	HT	Over Voltage
karad -kolhapur-II	IntraState	14/03/2017	16.39	15/03/2017	06.54	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/03/2017	18.13	15/03/2017	06.57	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/03/2017	20.00	15/03/2017	06.40	HT	Over Voltage
Girwali- Lonikand 2	IntraState	15/03/2017	09.43	15/03/2017	16.54	PO	Quarterly Maintainance Work
Deepnagar - Aurangabad	IntraState	15/03/2017	12.56	15/03/2017	17.04	HT	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	15/03/2017	20.01	16/03/2017	06.41	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500MVA ICT II @ Nanded	IntraState	15/03/2017	15.45	15/03/2017	18.20	PO	replacement of n2 cylinder.
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.
Ghatghar - Bappaon	IntraState	15/03/2017	06.22	15/03/2017	07.22	T	Distance Protection
Main Bus-I@Versova	IntraState	15/03/2017	06.34		Continued.	PO	Routine Maintenance Work
Oni Kharepatan Line	IntraState	15/03/2017	10.12	15/03/2017	15.45	PO	Routine Maintenance Work
Virur - Virur Rly Tss 2	IntraState	15/03/2017	11.20	15/03/2017	14.20	PO	REPLACEMENT OF DISC ISOLATOR.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	15/03/2017	12.11	15/03/2017	15.47	PO	BACKUP RELAY RETROFITTING WORK.
Butibori-Butibori Rly Tss	IntraState	15/03/2017	12.25	15/03/2017	13.29	PO	LINE SIGNATURE TEST.
Nagothane - Ipcl	IntraState	15/03/2017	13.52		Continued.	PO	shifted on tbc at nagothane end.
Parli 3 (Old Gcr)-Osmanabad	IntraState	15/03/2017	15.05	15/03/2017	15.22	T	Distance Protection
Parli 3 (Old Gcr)-Osmanabad	IntraState	15/03/2017	15.30	15/03/2017	21.28	T	Heavy Rain and Lightning.
Parli New Tps - Beed Ckt 2	IntraState	15/03/2017	16.00	15/03/2017	16.48	T	Distance Protection
Wada - Bhavveghar	IntraState	15/03/2017	20.35	15/03/2017	20.49	PO	heavy sparking on isolator.
Osmanabad - Solapur (Bale)	IntraState	16/03/2017	06.20		Continued.	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)
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	15/03/2017	07.15	15/03/2017	10.17	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Harangul - Niwali	IntraState	15/03/2017	14.25	15/03/2017	19.00	T	Distance Protection
Ujani - AUSA	IntraState	15/03/2017	16.02		Continued.	T	Distance Protection
Waghala (Nanded2) - Umri 1	IntraState	15/03/2017	18.29	15/03/2017	18.47	T	Distance Protection

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