

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Mar/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.859	2120.941	1) Gujrat	-0.437	1.737
2) Hydro	12.014	219.216	2) Madhya Pradesh	19.065	301.462
3) Gas	10.086	96.016	3) Chattisgarh	6.060	93.780
Total MSPGCL	168.959	2436.173	4) Maharashtra Net	116.733	1748.235
B) 1) APML	46.199	659.316	5) Goa (Amona)	-0.814	-9.328
2) JSWEL	19.744	280.575	Total	140.607	2135.886
3) VIPL	12.084	135.654	a) Mumbai Schedule	22.813	326.683
4) RPL(AMT)	12.582	246.850	b) Mumbai Drawl	24.718	349.118
5) WPCL	4.307	59.259	c) MSEDCL Bilateral *	40.616	581.147
6) PGPL	0.000	0.000	Include PX	9.887	170.599
7) Other IPP	11.252	167.229	d) Mumbai Bilateral *	22.813	326.683
C) 1) TPCL Thermal	16.374	239.272	Include PX	4.969	86.705
2) TPCL Hydro	4.246	60.784	Include Standby	0.000	0.000
3) TPCL Gas	4.331	51.798	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.347	168.960	1) MSEDCL	398.872	5905.230
D) STATE			2) Mumbai Discoms	61.016	869.951
1) Thermal	280.748	4078.056	TOTAL STATE	459.888	6775.181
(A1+C1+C4+(B1-B6))					
2) Hydro	16.260	280.000			
(A2+C2)					
3) Gas	14.417	147.814			
(A3+B6+C3)					
4) Wind	5.385	84.335			
6) SOLAR	2.471	49.071			
TOTAL STATE	319.281	4639.276			

* 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 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6280	6245	6360	5889
MSPGCL Hydro	1431	1066	247	177
MSPGCL Gas	416	424	414	417
MSPGCL Total Generation	8127	7735	7021	6483
Central Sector Receipt	6691	6838	5326	5130
WIND	181	224	213	255
CPP / IPP Thermal	4539	4511	4500	4160
CPP / IPP Gas	0	0	0	0
SOLAR	392	403	0	0
Exchange with Mumbai	-1342	-1208	-1334	-1227
MSEDCL DEMAND MET	18588	18503	15726	14801
Load Shedding	0	0	0	0
MSEDCL DEMAND	18588	18503	15726	14801
TPCL GENERATION	1247	1239	1094	773
R-INFRA GENERATION	501	504	400	378
MUMBAI DEMAND	3090	2951	2828	2378
STATE DEMAND MET	21678	21454	18554	17179
STATE DEMAND	21678	21454	18554	17179
Frequency (Hz)	49.93	49.97	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.03 Hrs	49.77 Hz at 10.49 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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.04	135.97	501	359
Unit 9	11.11	151.72	520	360
Unit 10	11.05	202.62	515	360
Total	33.20	490.31		
Bhusawal				
Unit 3	3.78	3.78	200	0
Unit 4	11.52	171.92	490	465
Unit 5	11.72	174.02	500	460
Total	27.02	349.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.72	85.50	250	192
Unit 7	5.74	84.56	252	198
Unit 8	5.60	82.04	244	189
Total	17.07	252.10		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.75	160.80	460	430
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	11.52	109.35	490	469
Unit 9	11.37	168.46	483	461
Total	33.64	488.64		
Paras				
Unit 3	6.04	65.80	256	250
Unit 4	6.00	87.41	253	240
Total	12.04	153.20		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.00	4.07	195	90
Unit 3	0.00	40.93	0	0
Unit 4	4.87	55.77	212	191
Unit 5	10.86	169.49	475	420
Total	19.74	270.26		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.16	61.88	178	169
Unit 5	0.00	51.00	0	0
Total	4.16	116.71		
Uran				
All Units	10.09	96.02	428	411
Total	10.09	96.02		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	0.55	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.55		
Koyna				
Stage 1-2	2.64	58.29	440	40
Stage 4	3.65	76.60	500	0
Stage 3	1.42	28.91	160	0
Total	7.70	163.80		
Hydro				
KDPH	0.43	10.57	18	18
VTRNA	1.44	17.71	60	59
TILLARI	0.42	1.86	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	2.96	80	0
RNGR+BHTSA	0.30	4.66	13	12
BHANDARDRA	0.46	5.30	30	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	9.06	22	21
GHATGHAR	0.61	3.30	125	0
Total	4.31	55.42		
Wind				
Total	5.38	84.34	0	0
Total	5.38	84.34		
CPP				
APML(Mus)	46.20	659.32	0	0
JSWEL(Mus)	19.74	280.58	0	0
VIPL(Mus)	12.08	135.65	0	0
RPLAMT(Mus)	12.58	246.85	0	0
WPCL(Mus)	4.31	59.26	0	0
Other(Mus)	11.25	167.23	0	0
Total	106.17	1548.88		
SOLAR				
Total	2.47	49.07	0	0
Total	2.47	49.07		
Tata				
Trombay 5	10.78	156.00	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	31.34	115	103
Trombay 7B	1.60	20.46	68	63
Trombay 8	5.59	83.27	245	200
TATA Hydro	4.25	60.78	370	0
Total	24.95	351.85		
R-INFRA				
DTPS U-1&2	11.35	168.96	504	373
Total	11.35	168.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.86	2120.94	MSPGCL Total	168.96	2436.17
			MSPGCL Thml+Gas	156.94	2216.96	Koyna 1,2 & 4 Total	6.28	134.89
			MSPGCL Hydro	12.01	219.22	State Total	319.28	4639.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Mar/2018

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	5519	454	415	6388	271	4536	0	0	5455	5307	-863	15639	0	15639	2290	17929	49.94
2	5563	204	424	6191	230	4444	0	0	5415	5339	-691	15513	0	15513	2132	17645	49.94
3	5611	164	425	6200	246	4303	0	0	5440	5241	-568	15422	0	15422	1988	17410	49.96
4	5707	169	414	6290	256	4272	0	0	5443	5125	-563	15380	0	15380	1983	17363	49.97
5	5811	164	426	6401	243	4264	0	0	5471	5287	-456	15739	0	15739	1868	17607	49.98
6	5960	212	427	6599	238	4403	0	0	5853	5897	-532	16605	0	16605	1945	18550	49.98
7	6142	871	418	7431	316	4522	0	0	6237	6377	-644	18002	0	18002	2103	20105	49.99
8	6285	832	416	7533	271	4532	0	33	6184	6264	-755	17878	0	17878	2245	20123	49.99
9	6350	779	426	7555	126	4560	0	113	5879	5906	-979	17281	0	17281	2515	19796	49.93
10	6347	1001	425	7773	103	4555	0	246	5899	6228	-1150	17755	0	17755	2822	20577	49.89
11	6320	1071	414	7805	147	4552	0	357	6137	5781	-1346	17296	0	17296	3078	20374	49.90
12	6280	1431	416	8127	181	4539	0	392	6856	6691	-1342	18588	0	18588	3090	21678	49.93
13	6245	1066	424	7735	224	4511	0	403	6998	6838	-1208	18503	0	18503	2951	21454	49.97
14	6284	936	423	7643	206	4437	0	338	6759	6713	-1288	18049	0	18049	2976	21025	49.98
15	6279	649	413	7341	183	4493	0	276	6993	6765	-1216	17842	0	17842	2942	20784	49.91
16	6281	371	411	7063	243	4541	0	193	7055	6784	-1156	17668	0	17668	2908	20576	49.87
17	6344	215	421	6980	180	4559	0	93	6874	6708	-1092	17428	0	17428	2877	20305	49.94
18	6377	166	423	6966	181	4492	0	27	6020	5946	-1089	16523	0	16523	2798	19321	49.93
19	6360	247	414	7021	213	4500	0	0	5678	5326	-1334	15726	0	15726	2828	18554	49.96
20	6348	242	415	7005	204	4436	0	0	5777	5318	-1163	15800	0	15800	2676	18476	49.90
21	6197	243	425	6865	299	4208	0	0	5585	5137	-1370	15139	0	15139	2603	17742	49.98
22	6185	183	426	6794	262	4169	0	0	5329	5278	-1368	15135	0	15135	2546	17681	49.96
23	6175	167	428	6770	307	4183	0	0	5430	5221	-1318	15163	0	15163	2474	17637	49.93
24	5889	177	417	6483	255	4160	0	0	5426	5130	-1227	14801	0	14801	2378	17179	49.98
MUs	146.86	12.01	10.09	168.96	5.38	106.17	0.00	2.47	144.19	140.61	-24.72	398.87	0.00	398.87	61.02	459.89	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/2018

Position as on 6.30 Hrs of 16/Mar/2018

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.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyna Unit 4	70	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
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	
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.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
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	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
IPP	Dhariwal	300	27/10/2017	17.31	15/03/2018	22.12	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage (Out due to coal shortage w.e.f 15.02.2018)	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45	15/03/2018	01.44	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Mar/2018

Position as on 6.30 Hrs of 16/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	Poor coal Receipt From 06.03.2018	
IPP	RPL(AMT) U-1	270	10/03/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 7	500	10/03/2018	23.06		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 3	210	14/03/2018	00.27		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	14/03/2018	14.10	16/03/2018	03.25	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 16/Mar/2018

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 1	IntraState	14/03/2018	22.55	15/03/2018	05.14	HT	OLTC over halt work.
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	14/03/2018	17.05	15/03/2018	07.58	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	15/03/2018	10.46	15/03/2018	16.17	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	15/03/2018	13.48	15/03/2018	17.14	T	Distance Protection
Dhule Sar'Sarovar II	InterState	15/03/2018	17.59		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/03/2018	17.49	15/03/2018	09.13	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	15/03/2018	09.38	15/03/2018	16.41	PO	Cold Line Washing.
Main Bus-II @ Akola	IntraState	15/03/2018	09.53	15/03/2018	13.08	PO	Quarterly Maintainance Work
Bhusawal-Aurangabad	IntraState	15/03/2018	18.34		Continued.	HT	Over Voltage
Padgha-HVDC(AC)-II	IntraState	15/03/2018	23.49		Continued.	PO	Overhauling Of OLTC Position Transmitted Of Pole To R.Y.B. Phase.
N.Koyna-Karad -Ckt I	IntraState	16/03/2018	03.54		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT1@koradi 2	IntraState	15/03/2018	13.05	15/03/2018	16.10	PO	RTCC Panel Commissiong Work.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt I	IntraState	12/03/2018	10.00		Continued.	PO	Cable Termination work & Line Diverted To Siemenc.
Malinagar - Tembhurni	IntraState	14/03/2018	17.20	15/03/2018	16.12	T	Distance Protection
Sawantwadi-Bidri	IntraState	15/03/2018	05.04	15/03/2018	08.54	T	Distance Protection
220KV main Bus-I @Nanded	IntraState	15/03/2018	08.05	15/03/2018	11.57	PO	R-PH PT Replacement Due To Leakage.
Boisar Versova Line	IntraState	15/03/2018	08.45	15/03/2018	19.23	PO	Line Maintenance work
Pedhambe - Oni	IntraState	15/03/2018	09.05	15/03/2018	18.00	PO	Insulator Cleaning Work.
Belewadi-Nagar Ckt I	IntraState	15/03/2018	09.17	15/03/2018	19.10	PO	Line Maintenance work
Bhigwan-Baramat Iagro	IntraState	15/03/2018	09.30	15/03/2018	18.05	PO	Routine Maintenance Work
Uran - Apta II	IntraState	15/03/2018	10.11	15/03/2018	14.36	PO	CT Tan Delta Measurement.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	15/03/2018	10.32	15/03/2018	14.29	PO	Routine Maintenance Work
Khaparkheda-Ambazari-Ii	IntraState	15/03/2018	11.03	15/03/2018	15.26	PO	CVT Tand Delta Measurement Of CB Timing And CRM.
Urse - Talegaon (Ambi) Ckt 1	IntraState	15/03/2018	11.20	15/03/2018	19.30	EO	Attending Hot Spot
Vita - Miraj	IntraState	15/03/2018	12.08	15/03/2018	14.35	PO	Line Maintenance work
Lonikand-VSNL	IntraState	15/03/2018	13.22	15/03/2018	17.00	PO	Autoreclose scheme

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 16/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Commissioning.
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(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	15/03/2018	10.32	15/03/2018	13.14	PO	Half yearly maintenance work
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	15/03/2018	11.18	15/03/2018	17.56	PO	ICT Painting Work.

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