

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 03/Mar/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.828	414.680	1) Gujrat	2.149	6.881
2) Hydro	13.062	32.142	2) Madhya Pradesh	22.446	63.092
3) Gas	5.035	18.225	3) Chattisgarh	6.290	18.920
Total MSPGCL	159.925	465.047	4) Maharashtra Net	116.853	349.396
B) 1) APML	39.262	117.496	5) Goa (Amona)	-0.594	-1.738
2) JSWEL	17.352	51.414	Total	147.144	436.551
3) VIPL	6.563	19.713	a) Mumbai Schedule	22.397	60.502
4) RPL(AMT)	18.198	54.970	b) Mumbai Drawl	23.605	68.899
5) WPCL	2.395	8.914	c) MSEDCL Bilateral *	35.565	99.949
6) PGPL	0.000	0.000	Include PX	10.197	27.405
7) Other IPP	8.954	31.766	d) Mumbai Bilateral *	22.397	60.502
C) 1) TPCL Thermal	15.350	44.054	Include PX	8.369	19.629
2) TPCL Hydro	3.380	9.828	Include Standby	0.000	0.000
3) TPCL Gas	4.227	11.449	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.891	32.317	1) MSEDCL	383.895	1139.010
D) STATE			2) Mumbai Discoms	57.451	166.547
1) Thermal	260.793	775.324	TOTAL STATE	441.346	1305.557
(A1+C1+C4+(B1-B6))					
2) Hydro	16.442	41.970			
(A2+C2)					
3) Gas	9.262	29.674			
(A3+B6+C3)					
4) Wind	4.190	11.462			
6) SOLAR	3.517	10.576			
TOTAL STATE	294.204	869.006			

* 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	6037	6075	6104	5337
MSPGCL Hydro	1110	1277	171	182
MSPGCL Gas	195	141	146	280
MSPGCL Total Generation	7342	7493	6421	5799
Central Sector Receipt	7377	7060	5818	5318
WIND	171	111	241	101
CPP / IPP Thermal	4030	4095	3992	3416
CPP / IPP Gas	0	0	0	0
SOLAR	486	501	0	0
Exchange with Mumbai	-1228	-1196	-993	-816
MSEDCL DEMAND MET	18178	18064	15479	13818
Load Shedding	0	0	0	0
MSEDCL DEMAND	18178	18064	15479	13818
TPCL GENERATION	1208	1179	1158	670
R-INFRA GENERATION	502	503	502	376
MUMBAI DEMAND	2938	2878	2653	1862
STATE DEMAND MET	21116	20942	18132	15680
STATE DEMAND	21116	20942	18132	15680
Frequency (Hz)	49.99	50.01	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 17.03 Hrs	49.82 Hz at 15.49 Hrs	49.98	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 03/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	12.17	35.73	554	479
Unit 9	5.11	5.11	462	0
Unit 10	12.66	41.56	610	471
Total	29.94	82.40		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.24	33.12	490	360
Unit 5	11.26	33.36	495	350
Total	22.50	66.48		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.64	16.85	253	190
Unit 7	5.58	16.61	256	191
Unit 8	5.21	15.45	241	183
Total	16.42	48.90		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.29	33.90	475	460
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.74	35.38	500	460
Unit 9	11.29	32.10	499	357
Total	34.31	101.38		
Paras				
Unit 3	5.90	17.59	250	230
Unit 4	5.96	17.80	252	242
Total	11.86	35.39		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	2.42	11.61	201	0
Unit 4	4.81	14.00	210	165
Unit 5	11.51	34.53	500	455
Total	18.74	60.14		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.09	12.20	180	158
Unit 5	3.96	3.96	202	28
Total	8.05	19.99		
Uran				
All Units	5.04	18.22	291	140
Total	5.04	18.22		
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	0.13	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.13		
Koyna				
Stage 1-2	2.82	8.62	360	40
Stage 4	5.29	9.54	750	0
Stage 3	1.90	3.38	160	0
Total	10.01	21.54		
Hydro				
KDPH	0.65	2.38	36	18
VTRNA	1.35	3.50	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	0.55	80	0
RNGR+BHTSA	0.34	1.05	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.58	1.88	25	24
GHATGHAR	0.00	1.26	0	0
Total	3.05	10.61		
Wind				
Total	4.19	11.46	0	0
Total	4.19	11.46		
CPP				
APML(Mus)	39.26	117.50	0	0
JSWEL(Mus)	17.35	51.41	0	0
VIPL(Mus)	6.56	19.71	0	0
RPLAMT(Mus)	18.20	54.97	0	0
WPCL(Mus)	2.40	8.91	0	0
Other(Mus)	8.95	31.77	0	0
Total	92.72	284.27		
SOLAR				
Total	3.52	10.58	0	0
Total	3.52	10.58		
Tata				
Trombay 5	9.94	28.10	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	7.04	118	93
Trombay 7B	1.57	4.41	68	59
Trombay 8	5.40	15.95	246	198
TATA Hydro	3.38	9.83	327	0
Total	22.96	65.33		
R-INFRA				
DTPS U-1&2	10.89	32.32	504	374
Total	10.89	32.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.83	414.68	MSPGCL Total	159.92	465.05
			MSPGCL Thml+Gas	146.86	432.90	Koyna 1,2 & 4 Total	8.11	18.15
			MSPGCL Hydro	13.06	32.14	State Total	294.20	869.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	5533	171	278	5982	62	3537	0	0	5483	5572	-1080	14073	0	14073	2126	16199	50.00
2	5598	135	278	6011	66	3520	0	0	5399	5072	-932	13737	0	13737	1974	15711	50.03
3	5337	182	280	5799	101	3416	0	0	5267	5318	-816	13818	0	13818	1862	15680	50.00
4	5446	182	278	5906	102	3363	0	0	5262	5463	-727	14107	0	14107	1771	15878	50.02
5	5712	182	279	6173	87	3502	0	0	5258	5254	-708	14308	0	14308	1752	16060	50.01
6	5839	351	279	6469	113	3735	0	0	5375	5417	-683	15051	0	15051	1828	16879	49.99
7	5864	986	280	7130	119	3930	0	4	5787	5958	-607	16534	0	16534	1928	18462	49.96
8	5934	983	291	7208	133	3958	0	59	6094	6108	-634	16832	0	16832	2033	18865	49.98
9	5963	585	278	6826	135	4004	0	187	6189	6325	-781	16696	0	16696	2268	18964	49.94
10	6029	768	277	7074	298	3992	0	323	6322	6312	-1015	16984	0	16984	2605	19589	49.93
11	6033	646	265	6944	293	3996	0	439	6691	6525	-1159	17038	0	17038	2855	19893	50.02
12	6037	1110	195	7342	171	4030	0	486	7491	7377	-1228	18178	0	18178	2938	21116	49.99
13	6075	1277	141	7493	111	4095	0	501	7344	7060	-1196	18064	0	18064	2878	20942	50.01
14	6026	1018	140	7184	110	4098	0	494	7228	7225	-1099	18012	0	18012	2763	20775	50.01
15	6001	1011	140	7152	178	4155	0	431	7294	7232	-1118	18030	0	18030	2780	20810	49.99
16	6096	996	140	7232	192	4137	0	336	7388	7383	-1127	18153	0	18153	2788	20941	49.94
17	6057	887	141	7085	240	4079	0	196	7099	7027	-1079	17548	0	17548	2731	20279	49.95
18	6079	460	152	6691	259	4079	0	60	6168	6130	-1001	16218	0	16218	2646	18864	49.99
19	6106	250	144	6500	269	4035	0	1	5937	5681	-1032	15454	0	15454	2609	18063	49.96
20	6104	171	146	6421	241	3992	0	0	5834	5818	-993	15479	0	15479	2653	18132	49.98
21	5969	162	147	6278	304	3791	0	0	5779	5535	-1034	14874	0	14874	2568	17442	49.97
22	5905	227	146	6278	279	3598	0	0	5767	5727	-1166	14716	0	14716	2428	17144	49.96
23	6038	161	148	6347	180	3808	0	0	5809	5917	-1200	15052	0	15052	2345	17397	49.98
24	6047	161	192	6400	147	3874	0	0	5838	5708	-1190	14939	0	14939	2324	17263	49.95
MUs	141.83	13.06	5.04	159.93	4.19	92.72	0.00	3.52	148.10	147.14	-23.60	383.90	0.00	383.90	57.45	441.35	49.98

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 03/Mar/2018

Position as on 6.30 Hrs of 04/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 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.	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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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		Continued.	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	Nasik Unit 5	210	06/01/2018	06.30	03/03/2018	00.12	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	VIPL U-1	300	30/01/2018	22.55		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	31/01/2018	14.31	03/03/2018	08.10	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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Mar/2018

Position as on 6.30 Hrs of 04/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							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		Continued.	Poor Coal Receipt.	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
MSPGCL	Khaparkheda Unit 2	210	21/02/2018	17.27		Continued.	Boiler Tube Leakage(Converted to coal shortage w.e.f 23.02.2018	
MSPGCL	Chandrapur Unit 7	500	22/02/2018	14.07		Continued.	For attending damaged conductor of GTR bushing.	
MSPGCL	Uran Unit A0	120	25/02/2018	11.11		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	25/02/2018	11.11		Continued.	Gas shortage	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/02/2018	17.31		Continued.	Drum Level Not Maintained.	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
CPP	SWPGL U-4	135	01/03/2018	18.30		Continued.	ID Fan Problem	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	suspected btl.	
MSPGCL	Koyna Unit 1	70	02/03/2018	07.20	03/03/2018	00.01	Maintenance work	
MSPGCL	Uran Unit 8	108	03/03/2018	11.28	03/03/2018	22.59	filter replacement.	
MSPGCL	Khaparkheda Unit 3	210	03/03/2018	13.20		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 4	210	04/03/2018	09.21		Continued.	Poor coal receipt	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 04/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 2	IntraState	04/03/2018	22.21	04/03/2018	23.20	EO	Attend cooling pump valve problem
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	01/03/2018	16.10		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/03/2018	17.00	03/03/2018	07.50	HT	Over Voltage
Karad - Jaigad - II	IntraState	02/03/2018	18.08	03/03/2018	09.31	HT	Over Voltage
karad - kolhapur-I	IntraState	02/03/2018	21.09	03/03/2018	08.30	HT	Over Voltage
Bableshwar- Aurangabad (Waluj)	IntraState	03/03/2018	07.58	03/03/2018	14.29	PO	Insulator Replacement Work
Khadka-Aurangabad (Waluj)	IntraState	03/03/2018	18.13	04/03/2018	06.52	HT	Over Voltage
Padghe - Nagothane - I	IntraState	03/03/2018	23.04	04/03/2018	04.30	EO	Attending Hot Spot
Khadka- Deepnagar Ckt 2	IntraState	04/03/2018	10.21	04/03/2018	19.22	PO	Carrying out signature test for jumper tightening work at various loc.
Khadka-Aurangabad (Waluj)	IntraState	04/03/2018	18.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	04/03/2018	09.15	04/03/2018	18.20	PO	isolator overhauling 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)
Kalwa Salsette III	IntraState	03/03/2018	07.43	04/03/2018	20.47	PO	Relay Replacement work.
Temghar - Kalwa	IntraState	03/03/2018	07.44	03/03/2018	10.50	PO	Line Maintenance work
Chandrapur GCR - Sicom I	IntraState	03/03/2018	08.11	03/03/2018	17.56	PO	Routine Maintenance Work
Apta - Hoc	IntraState	03/03/2018	09.09	03/03/2018	16.26	PO	metering ct/pt erection work.
Uran - Hoc 1	IntraState	03/03/2018	09.10	03/03/2018	18.01	PO	metering ct/pt erection work.
Bhandara-Sunflag 2	IntraState	03/03/2018	09.16	03/03/2018	18.23	PO	replacement of faulty disc.
Pigasus-Hinjewadi-II	IntraState	03/03/2018	09.21	03/03/2018	15.56	PO	Routine Maintenance Work
Belewadi-Nagar Ckt I	IntraState	03/03/2018	09.47	03/03/2018	17.22	PO	nut bolt tightening work.
Vita-Hiwarwadi	IntraState	03/03/2018	10.08	03/03/2018	14.46	PO	Insulator cleaning.
Nanded-Ghatodi	IntraState	03/03/2018	13.13	03/03/2018	16.55	PO	disc replacement work.
Kandalgaon - Koyna	IntraState	04/03/2018	02.35	04/03/2018	11.20	T	Distance Protection
Mahad - Pedambe	IntraState	04/03/2018	02.58	04/03/2018	03.15	T	Distance Protection
Adlabs - Pedambe	IntraState	04/03/2018	03.31	04/03/2018	04.01	T	Distance Protection
Mahad - Pedambe	IntraState	04/03/2018	04.08	04/03/2018	18.05	T	Distance Protection
Adlabs - Pedambe	IntraState	04/03/2018	04.35	04/03/2018	19.25	T	Distance Protection

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/Tripping for 03/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 04/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandage(kolh'r)- Sawantwadi II	IntraState	04/03/2018	06.12	04/03/2018	06.49	T	Distance Protection
Loteparshuram- Dasturi Line	IntraState	04/03/2018	07.47	04/03/2018	16.40	T	Distance Protection
Ambazari-Abhijeet	IntraState	04/03/2018	14.20	04/03/2018	17.11	PO	Replacement work
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)
220/33kV 125 MVA Transformer 5 @Aarey R/S	IntraState	03/03/2018	09.38	03/03/2018	19.16	PO	to attend sf 6 gas leakage and maintenance work.
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
132 KV LINE Outages/Trippings							
Talegaon-Tiwasa	IntraState	04/03/2018	14.38	04/03/2018	15.00	T	Distance Protection
Amravati - Tiwasa	IntraState	04/03/2018	14.55	04/03/2018	14.59	T	Distance Protection
Lalkhedi-Durgwada	IntraState	04/03/2018	16.20	04/03/2018	17.54	T	Distance Protection

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