

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Mar/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.793	2410.494	1) Gujrat	-2.244	-1.887
2) Hydro	12.045	236.435	2) Madhya Pradesh	19.349	339.424
3) Gas	9.075	115.106	3) Chattisgarh	5.700	105.820
Total MSPGCL	165.913	2762.035	4) Maharashtra Net	106.931	1961.697
B) 1) APML	44.669	749.334	5) Goa (Amona)	-0.814	-11.110
2) JSWEL	19.213	318.578	Total	128.922	2393.944
3) VIPL	11.641	158.379	a) Mumbai Schedule	22.113	369.325
4) RPL(AMT)	14.610	272.376	b) Mumbai Drawl	26.253	403.897
5) WPCL	3.977	67.436	c) MSEDCL Bilateral *	33.222	649.646
6) PGPL	0.000	0.000	Include PX	1.131	176.379
7) Other IPP	11.185	193.291	d) Mumbai Bilateral *	22.113	369.325
C) 1) TPCL Thermal	14.625	266.633	Include PX	4.352	93.909
2) TPCL Hydro	3.138	69.044	Include Standby	0.000	0.000
3) TPCL Gas	4.427	60.608	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.336	188.907	1) MSEDCL	381.250	6661.549
D) STATE			2) Mumbai Discoms	58.779	989.107
1) Thermal	275.049	4625.428	TOTAL STATE	440.029	7650.656
(A1+C1+C4+(B1-B6))					
2) Hydro	15.183	305.479			
(A2+C2)					
3) Gas	13.502	175.714			
(A3+B6+C3)					
4) Wind	3.502	94.598			
6) SOLAR	3.871	55.475			
TOTAL STATE	311.107	5256.694			

* 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	5956	5942	6480	5362
MSPGCL Hydro	1559	1114	288	169
MSPGCL Gas	264	262	423	428
MSPGCL Total Generation	7779	7318	7191	5959
Central Sector Receipt	6064	6247	5081	4917
WIND	208	232	163	99
CPP / IPP Thermal	4633	4692	4687	3644
CPP / IPP Gas	0	0	0	0
SOLAR	529	546	0	0
Exchange with Mumbai	-1215	-1218	-1333	-777
MSEDCL DEMAND MET	17998	17817	15789	13842
Load Shedding	0	0	0	0
MSEDCL DEMAND	17998	17817	15789	13842
TPCL GENERATION	1219	1173	1009	700
R-INFRA GENERATION	500	503	375	377
MUMBAI DEMAND	2934	2894	2717	1854
STATE DEMAND MET	20932	20711	18506	15696
STATE DEMAND	20932	20711	18506	15696
Frequency (Hz)	49.95	49.98	49.96	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.00 Hrs	49.81 Hz at 09.14 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 17/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	10.35	157.23	539	360
Unit 9	11.73	174.45	606	355
Unit 10	10.88	224.54	513	350
Total	32.97	556.22		
Bhusawal				
Unit 3	4.42	12.44	200	160
Unit 4	10.98	193.10	490	350
Unit 5	11.07	195.62	495	350
Total	26.48	401.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.55	96.39	250	192
Unit 7	5.45	95.29	248	187
Unit 8	5.47	92.72	250	190
Total	16.47	284.40		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.45	181.66	455	425
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	8.69	129.41	480	0
Unit 9	11.06	190.59	485	410
Total	30.19	551.70		
Paras				
Unit 3	5.82	77.20	258	194
Unit 4	5.76	98.77	253	198
Total	11.58	175.97		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.50	13.02	200	160
Unit 3	0.00	40.93	0	0
Unit 4	4.71	65.25	214	160
Unit 5	9.64	189.67	470	0
Total	18.85	308.88		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.06	70.00	180	160
Unit 5	4.20	58.32	189	160
Total	8.26	132.15		
Uran				
All Units	9.08	115.11	432	261
Total	9.08	115.11		
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)	0.10	0.65	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	0.65		
Koyna				
Stage 1-2	2.62	62.50	365	40
Stage 4	4.27	81.16	850	0
Stage 3	1.27	30.18	160	0
Total	8.16	173.84		
Hydro				
KDPH	0.22	11.22	18	0
VTRNA	1.39	20.07	61	22
TILLARI	0.39	2.62	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	3.38	80	0
RNGR+BHTSA	0.30	5.26	13	12
BHANDARDRA	0.46	6.22	28	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.57	10.16	24	23
GHATGHAR	0.38	3.68	125	0
Total	3.88	62.60		
Wind				
Total	3.50	94.60	0	0
Total	3.50	94.60		
CPP				
APML(Mus)	44.67	749.33	0	0
JSWEL(Mus)	19.21	318.58	0	0
VIPL(Mus)	11.64	158.38	0	0
RPLAMT(Mus)	14.61	272.38	0	0
WPCL(Mus)	3.98	67.44	0	0
Other(Mus)	11.18	193.29	0	0
Total	105.30	1759.39		
SOLAR				
Total	3.87	55.48	0	0
Total	3.87	55.48		
Tata				
Trombay 5	9.33	173.19	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	36.91	117	115
Trombay 7B	1.62	23.70	69	67
Trombay 8	5.29	93.45	244	201
TATA Hydro	3.14	69.04	306	0
Total	22.19	396.28		
R-INFRA				
DTPS U-1&2	10.34	188.91	504	375
Total	10.34	188.91		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.79	2410.49	MSPGCL Total	165.91	2762.04
			MSPGCL Thml+Gas	153.87	2525.60	Koyna 1,2 & 4 Total	6.89	143.66
			MSPGCL Hydro	12.04	236.44	State Total	311.11	5256.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5483	495	405	6383	129	3894	0	0	4971	5000	-1085	14321	0	14321	2211	16532	49.97
2	5574	175	424	6173	131	3945	0	0	5042	4839	-899	14189	0	14189	2029	16218	49.97
3	5378	170	427	5975	97	3729	0	0	5054	4860	-847	13814	0	13814	1925	15739	50.00
4	5362	169	428	5959	99	3644	0	0	5046	4917	-777	13842	0	13842	1854	15696	50.02
5	5371	183	428	5982	110	3652	0	0	5112	5280	-749	14275	0	14275	1828	16103	50.00
6	5911	208	419	6538	105	3914	0	0	5270	5426	-833	15150	0	15150	1908	17058	50.01
7	6394	529	431	7354	146	4349	0	3	5030	5170	-683	16339	0	16339	1977	18316	49.99
8	6430	636	432	7498	130	4461	0	76	5153	5233	-614	16784	0	16784	2084	18868	50.01
9	6428	216	429	7073	98	4503	0	238	5215	5332	-846	16398	0	16398	2308	18706	49.97
10	6339	298	381	7018	102	4492	0	384	5396	5477	-1152	16321	0	16321	2595	18916	49.95
11	6000	721	268	6989	134	4568	0	467	5557	5503	-1204	16457	0	16457	2852	19309	49.98
12	5956	1559	264	7779	208	4633	0	529	5903	6064	-1215	17998	0	17998	2934	20932	49.95
13	5942	1114	262	7318	232	4692	0	546	6046	6247	-1218	17817	0	17817	2894	20711	49.98
14	5973	1022	261	7256	244	4656	0	516	5760	5875	-1150	17397	0	17397	2792	20189	49.99
15	6082	1164	261	7507	217	4694	0	458	5809	5928	-1193	17611	0	17611	2835	20446	49.94
16	6288	839	268	7395	186	4790	0	356	6034	6052	-1197	17582	0	17582	2831	20413	49.95
17	6452	769	329	7550	165	4833	0	214	5805	5810	-1165	17407	0	17407	2788	20195	49.97
18	6532	255	418	7205	152	4755	0	80	5582	5004	-1291	15905	0	15905	2717	18622	49.98
19	6472	228	413	7113	164	4504	0	4	5220	4999	-1421	15363	0	15363	2665	18028	49.98
20	6480	288	423	7191	163	4687	0	0	5252	5081	-1333	15789	0	15789	2717	18506	49.96
21	6474	190	428	7092	122	4509	0	0	5240	4878	-1448	15153	0	15153	2639	17792	49.98
22	6109	203	427	6739	126	4346	0	0	5138	5142	-1370	14983	0	14983	2534	17517	49.99
23	5711	457	428	6596	121	4387	0	0	5335	5259	-1300	15063	0	15063	2450	17513	49.99
24	5652	157	421	6230	121	4658	0	0	5343	5546	-1263	15292	0	15292	2412	17704	50.03
MUs	144.79	12.04	9.07	165.91	3.50	105.30	0.00	3.87	129.31	128.92	-26.25	381.25	0.00	381.25	58.78	440.03	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 17/Mar/2018

Position as on 6.30 Hrs of 18/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.	
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)	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Mar/2018

Position as on 6.30 Hrs of 18/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	17/03/2018	10.05	Coal Shortage	
MSPGCL	Chandrapur Unit 7	500	10/03/2018	23.06		Continued.	Water Shortage From 12/03/2018	
MSPGCL	Khaparkheda Unit 3	210	14/03/2018	00.27	18/03/2018	04.46	Coal Shortage	
MSPGCL	Uran Unit 7	108	17/03/2018	09.50	17/03/2018	15.17	filter replacement work	
MSPGCL	Chandrapur Unit-8	500	17/03/2018	09.57	17/03/2018	14.17	tripped on high drum level.	
MSPGCL	Khaparkheda Unit 5	500	17/03/2018	21.34		Continued.	Economizer Tube Leakage.	
MSPGCL	Uran Unit 8	108	18/03/2018	08.35	18/03/2018	13.53	THRUST BEARING PROTECTION OPERATED.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 18/Mar/2018

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							
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	16/03/2018	17.00	17/03/2018	09.32	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	17/03/2018	18.04		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	16/03/2018	11.05	17/03/2018	08.19	PO	Cold Line Washing.
Chandrapur - Parli	IntraState	16/03/2018	13.18	17/03/2018	08.27	PO	Tightening Earth wire Clamps.
Khadka-Aurangabad (Waluj)	IntraState	16/03/2018	17.08	17/03/2018	08.01	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	17/03/2018	08.37	17/03/2018	19.35	PO	insulator replacement work.
Khadka-Aurangabad (Waluj)	IntraState	17/03/2018	18.12		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	18/03/2018	20.09		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	18/03/2018	17.07	18/03/2018	17.45	T	NDR Operated
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.
Ghatghar - Bapgaon	IntraState	16/03/2018	22.38	17/03/2018	01.07	T	Tripped Only From Ghatghar End.
Wardha-Yeotmal	IntraState	17/03/2018	05.16	17/03/2018	17.53	T	Distance Protection
Khaparkheda-Kalmeshwar	IntraState	17/03/2018	05.43	17/03/2018	13.45	T	Distance Protection
Nagar-Babhaleshwar Ckt II	IntraState	17/03/2018	06.15	17/03/2018	06.30	T	Distance Protection
Babhaleshwar-Nagar-I	IntraState	17/03/2018	06.15	17/03/2018	06.30	T	Distance Protection
Khaparkheda-Ambazari-Ii	IntraState	17/03/2018	06.18	17/03/2018	12.32	T	Distance Protection
Nanded-Ghatodi	IntraState	17/03/2018	06.51	17/03/2018	16.05	T	Distance Protection
Sahara-Urse	IntraState	17/03/2018	09.00	17/03/2018	18.50	HT	load shifting.
512 Khadki- Century Enka	IntraState	17/03/2018	09.05	17/03/2018	17.29	PO	rusted earth wire replacement work.
Deepnagar Bambhori	IntraState	17/03/2018	09.08	17/03/2018	19.02	PO	insulator string replacement work.
Belewadi-Nagar Ckt I	IntraState	17/03/2018	09.12	17/03/2018	19.31	PO	jumper nut bolts tightening.
Urse - Talegaon (Ambi) Ckt 1	IntraState	17/03/2018	09.12	17/03/2018	18.47	PO	jumper nut bolts tightening insulator cleaning work.
New Koyna - Niwali	IntraState	17/03/2018	09.14	17/03/2018	17.43	PO	insulator cleaning work.
Dahanu Ghodbunder Line 2	IntraState	17/03/2018	09.51	17/03/2018	14.03	PO	insulator replacement work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	17/03/2018	09.58	17/03/2018	13.12	PO	Line Maintenance work
Sawantwadi-Bidri	IntraState	17/03/2018	10.35	17/03/2018	17.20	PO	insulator replacement work.
Shivajinagar - Malegaon	IntraState	17/03/2018	12.06	17/03/2018	16.51	PO	work at malegaon end.

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 17/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 18/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kandalgaon - Sona Alloys	IntraState	17/03/2018	13.15	17/03/2018	13.35	T	Distance Protection
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	17/03/2018	13.20	17/03/2018	16.53	PO	Line Maintenance work
Lamboti(solapur)-Karkamb	IntraState	18/03/2018	06.28	18/03/2018	06.44	T	Distance Protection
Karkamb - Jeur	IntraState	18/03/2018	06.28	18/03/2018	06.44	T	Distance Protection
Chinchwad-Hinjewadi I	IntraState	18/03/2018	08.47	18/03/2018	18.11	HT	LOAD SHIFTING.
Urse - Talegaon (Ambi) Ckt 2	IntraState	18/03/2018	08.51	18/03/2018	18.02	PO	JUMPER NUT BOLTS TIGHTENING INSULATOR CLEANING WORK.
Sahara-Urse	IntraState	18/03/2018	13.06	18/03/2018	18.03	PO	OUTAGE FOR SAFETY PURPOSE.
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 Cgl Ptr No 3 @Chinchwad	IntraState	17/03/2018	00.01	17/03/2018	04.32	T	Relay Replacement Work.
220/132 kv 200MVA ICT-V @ Nashik	IntraState	17/03/2018	09.40	17/03/2018	12.08	PO	Routine Maintenance Work
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	17/03/2018	10.12	17/03/2018	17.08	PO	r ph hv bushing replacement work.
220kv 200MVA ICT IV @ OCR Nashik	IntraState	17/03/2018	13.51	17/03/2018	15.38	PO	Routine Maintenance Work
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	17/03/2018	18.13	17/03/2018	23.01	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Raimoha - Pathardi	IntraState	17/03/2018	05.55	17/03/2018	06.05	T	Distance Protection

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