

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Aug/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.311	1785.886	1) Gujrat	-6.726	-25.548
2) Hydro	5.811	104.517	2) Madhya Pradesh	2.135	133.767
3) Gas	3.174	90.819	3) Chattisgarh	3.960	76.970
Total MSPGCL	103.296	1981.222	4) Maharashtra Net	88.995	1668.135
B) 1) APML	47.051	869.709	5) Goa (Amona)	-0.550	-11.154
2) JSWEL	11.408	250.974	Total	87.814	1842.170
3) VIPL	4.844	86.205	a) Mumbai Schedule	21.410	362.063
4) RPL(AMT)	23.370	418.270	b) Mumbai Drawl	27.818	434.572
5) WPCL	4.244	66.599	c) MSEDCL Bilateral *	26.906	311.195
6) PGPL	0.000	0.000	Include PX	6.708	15.955
7) Other IPP	3.154	55.068	d) Mumbai Bilateral *	21.410	362.063
C) 1) TPCL Thermal	12.604	217.799	Include PX	6.650	117.064
2) TPCL Hydro	5.724	70.326	Include Standby	0.000	0.000
3) TPCL Gas	3.951	57.460	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.021	153.570	1) MSEDCL	317.931	6011.231
D) STATE			2) Mumbai Discoms	59.120	933.728
1) Thermal	210.007	3904.080	TOTAL STATE	377.051	6944.959
(A1+C1+C4+(B1-B6))					
2) Hydro	11.535	174.843			
(A2+C2)					
3) Gas	7.125	148.279			
(A3+B6+C3)					
4) Wind	59.360	817.106			
6) SOLAR	1.208	58.480			
TOTAL STATE	289.235	5102.788			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3631	3993	4075	4012
MSPGCL Hydro	401	339	405	123
MSPGCL Gas	118	118	129	137
MSPGCL Total Generation	4150	4450	4609	4272
Central Sector Receipt	5580	4055	3801	2725
WIND	2434	2352	2994	1918
CPP / IPP Thermal	3970	3848	4136	3778
CPP / IPP Gas	0	0	0	0
SOLAR	104	183	0	0
Exchange with Mumbai	-1404	-1587	-1262	-771
MSEDCL DEMAND MET	14834	13301	14278	11922
Load Shedding	0	0	0	0
MSEDCL DEMAND	14834	13301	14278	11922
TPCL GENERATION	1086	1065	1114	613
R-INFRA GENERATION	375	376	377	378
MUMBAI DEMAND	2865	3028	2753	1762
STATE DEMAND MET	17699	16329	17031	13684
STATE DEMAND	17699	16329	17031	13684
Frequency (Hz)	49.99	49.99	49.99	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 11.05 Hrs	49.87 Hz at 13.40 Hrs	50.01	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/Aug/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	3.92	0	0
Unit 8	7.56	138.92	356	242
Unit 9	8.44	148.48	405	321
Unit 10	0.00	0.00	0	0
Total	16.01	291.33		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	8.55	150.63	370	345
Total	8.55	235.88		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.98	79.31	184	115
Unit 8	4.68	84.74	220	181
Total	8.66	164.05		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.90	50.34	180	131
Unit 5	6.82	144.11	320	55
Unit 6	0.00	85.09	0	0
Unit 7	4.03	143.76	260	7
Unit 8	7.71	130.42	353	290
Unit 9	7.72	71.11	348	303
Total	30.18	624.84		
Paras				
Unit 3	4.47	80.98	219	164
Unit 4	4.34	78.31	218	23
Total	8.80	159.28		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	2.89	54.28	145	95
Unit 3	3.30	28.70	163	113
Unit 4	3.32	59.50	152	120
Unit 5	8.75	70.45	415	358
Total	18.26	246.30		
Nasik				
Unit 3	3.86	37.29	164	156
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.86	64.20		
Uran				
All Units	3.17	90.82	260	117
Total	3.17	90.82		
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)	0.03	0.89	30	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.89		
Koyna				
Stage 1-2	1.02	28.82	60	35
Stage 4	0.00	13.90	0	0
Stage 3	0.91	16.40	80	0
Total	1.92	59.12		
Hydro				
KDPH	0.85	9.88	36	35
VTRNA	0.58	3.08	60	0
TILLARI	0.78	11.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	6.57	80	0
RNGR+BHTSA	0.38	1.27	16	15
BHANDARDRA	0.34	5.42	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.50	7.76	29	18
GHATGHAR	0.00	0.00	0	0
Total	3.89	45.40		
Wind				
Total	59.36	817.11	0	0
Total	59.36	817.11		
CPP				
APML(Mus)	47.05	869.71	0	0
JSWEL(Mus)	11.41	250.97	0	0
VIPL(Mus)	4.84	86.20	0	0
RPLAMT(Mus)	23.37	418.27	0	0
WPCL(Mus)	4.24	66.60	0	0
Other(Mus)	3.15	55.07	0	0
Total	94.07	1746.82		
SOLAR				
Total	1.21	58.48	0	0
Total	1.21	58.48		
Tata				
Trombay 5	7.48	133.80	354	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.44	35.95	116	63
Trombay 7B	1.51	21.51	68	51
Trombay 8	5.12	84.00	232	197
TATA Hydro	5.72	70.33	390	13
Total	22.28	345.58		
R-INFRA				
DTPS U-1&2	9.02	153.57	378	374
Total	9.02	153.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	94.31	1785.89	MSPGCL Total	103.30	1981.22
			MSPGCL Thml+Gas	97.48	1876.70	Koyna 1,2 & 4 Total	1.02	42.72
			MSPGCL Hydro	5.81	104.52	State Total	289.24	5102.79

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 16/Aug/2018

Annexure-2

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	3864	123	260	4247	1884	3996	0	0	3729	3219	-965	12381	0	12381	2001	14382	50.06
2	3973	128	220	4321	1843	3806	0	0	2864	2956	-838	12088	0	12088	1855	13943	50.02
3	4012	123	137	4272	1918	3778	0	0	2863	2725	-771	11922	0	11922	1762	13684	50.03
4	4014	129	118	4261	2032	3766	0	0	2649	2649	-712	11996	0	11996	1703	13699	50.06
5	3801	129	119	4049	1922	3845	0	0	3528	3079	-728	12167	0	12167	1718	13885	50.05
6	3862	124	128	4114	1993	4120	0	0	3940	3624	-845	13006	0	13006	1835	14841	50.01
7	3863	124	119	4106	2315	4289	0	5	4749	4416	-979	14152	0	14152	1995	16147	49.99
8	3781	153	118	4052	2320	4148	0	31	5228	5210	-998	14763	0	14763	2214	16977	50.03
9	3704	278	130	4112	2394	3990	0	63	5518	5327	-1215	14671	0	14671	2552	17223	49.99
10	3631	401	118	4150	2434	3970	0	104	5431	5580	-1404	14834	0	14834	2865	17699	49.99
11	3793	422	129	4344	2433	3970	0	140	5358	5067	-1583	14371	0	14371	3067	17438	50.06
12	3914	335	118	4367	2412	3990	0	181	5301	4771	-1613	14108	0	14108	3114	17222	50.06
13	3993	339	118	4450	2352	3848	0	183	4906	4055	-1587	13301	0	13301	3028	16329	49.99
14	4004	270	128	4402	2744	3760	0	156	4185	3673	-1486	13249	0	13249	2901	16150	50.01
15	4062	265	118	4445	2820	3746	0	130	3580	3169	-1405	12905	0	12905	2850	15755	49.97
16	4059	260	118	4437	2816	3755	0	104	3596	3355	-1386	13081	0	13081	2864	15945	50.01
17	4068	260	128	4456	2660	3737	0	82	3489	3185	-1376	12744	0	12744	2855	15599	50.00
18	4024	290	118	4432	2902	3790	0	25	3519	3430	-1342	13237	0	13237	2822	16059	50.01
19	4045	410	117	4572	2734	4000	0	4	3934	3702	-1295	13717	0	13717	2779	16496	49.97
20	4075	405	129	4609	2994	4136	0	0	4218	3801	-1262	14278	0	14278	2753	17031	49.99
21	4067	278	118	4463	2781	4001	0	0	3939	3367	-1175	13437	0	13437	2624	16061	50.02
22	4037	195	129	4361	2858	3900	0	0	3361	2977	-991	13105	0	13105	2458	15563	49.99
23	3976	185	120	4281	2848	3899	0	0	3015	2262	-883	12407	0	12407	2320	14727	50.02
24	3689	185	119	3993	2951	3827	0	0	2552	2215	-979	12007	0	12007	2183	14190	50.01
MUs	94.31	5.81	3.17	103.30	59.36	94.07	0.00	1.21	95.45	87.81	-27.82	317.93	0.00	317.93	59.12	377.05	50.01

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/Aug/2018

Position as on 6.30 Hrs of 17/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 6	250	23/07/2018	00:00		Continued.	Capital Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual Overhaul	
IPP	JSW (J) U2	300	28/07/2018	13.48		Continued.	Annual Overhaul	
IPP	Adani U-1	660	04/08/2018	00:00		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	10/08/2018	01.02		Continued.	Capital Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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	
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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	GT winding short.	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
IPP	IEPL Unit 1	270	11/07/2018	13.00		Continued.	poor coal receipt.	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	13/07/2018	23.59		Continued.	Critical coal stock	
MSPGCL	Koradi Unit 6	210	16/07/2018	09.18		Continued.	R & M Work	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35		Continued.	Coal Swapping.	
IPP	JSW (J) U1	300	09/08/2018	21.16		Continued.	CW DUCT LEAKAGE.	
MSPGCL	Chandrapur Unit 6	500	10/08/2018	23.15		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
MSPGCL	Paras Unit 4	250	15/08/2018	18.09	16/08/2018	00.42	Loss of fuel	
MSPGCL	Uran Unit B0	120	16/08/2018	02.05		Continued.	Sparking at B-0 R Phase Bushing.	
MSPGCL	Uran Unit 8	108	16/08/2018	02.05		Continued.	Sparking at B-0 R Phase Bushing.	
MSPGCL	Chandrapur Unit 7	500	16/08/2018	04.02	16/08/2018	10:15	FAILURE OF AUXILIARY SUPPLY.	
MSPGCL	Koyna Unit 5	80	16/08/2018	09.30	16/08/2018	18.10	RELAY TESTING WORK.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Aug/2018

Position as on 6.30 Hrs of 17/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	16/08/2018	23.07	17/08/2018	09.25	FIRE PROTECTION RELAY MALFUNCTION.	
MSPGCL	Parli Unit 7	250	16/08/2018	23.45		Continued.	BOILER VALIDITY EXTENTION.	
MSPGCL	Chandrapur Unit 7	500	17/08/2018	07.17	17/08/2018	11.40	turbine trip gear operation.	
MSPGCL	Khaparkheda Unit 4	210	17/08/2018	16.01	17/08/2018	18.38	coal mill & both PA fan tripped.	
IPP	RPL(AMT) U-4	270	17/08/2018	20.02		Continued.	zero schedule by MSEDCL.	
MSPGCL	Chandrapur Unit 5	500	17/08/2018	22.08		Continued.	AVR FAULTY.	
IPP	RPL(AMT) U-2	270	17/08/2018	23.00		Continued.	ZERO SCHEDULE BY MSEDCL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 17/Aug/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 II	InterState	14/08/2018	18.15	16/08/2018	04.15	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	15/08/2018	19.15	16/08/2018	13.23	T	Distance Protection
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	16/08/2018	02.52	16/08/2018	08.18	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/08/2018	03.38		Continued.	T	Distance Protection
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad - Jaigad - II	IntraState	14/08/2018	18.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/08/2018	00.30	16/08/2018	13.27	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	15/08/2018	09.03	16/08/2018	06.26	PO	CHEMICAL CLEANING OF INSULATOR ETC. RFC AT 19.37 HRS VOLTAGE 422 KV.
Khadka-Aurangabad (Waluj)	IntraState	15/08/2018	16.09	16/08/2018	07.03	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	15/08/2018	16.26	16/08/2018	17.55	T	Y-PHASE E/F, 2.9KA 69KM FROM LAMBOTI PARLI END.82.4KM. Y PHASE.4.4KA
Deepnagar - Aurangabad	IntraState	16/08/2018	06.46		Continued.	PO	LOC NO-54, R-PHASE STRING DECAPPED.
Padghe - Kalwa-II	IntraState	16/08/2018	08.32	16/08/2018	12.02	PO	EM-RED HOT ON B PH CT CLAMP LINE SIDE.
Bus Coupler @ Lonikand	IntraState	16/08/2018	15.21	16/08/2018	16.25	PO	TAKING ON TBC SERVICE.
Lonikand2-Lonikand1 (Intrconector)	IntraState	16/08/2018	15.42	16/08/2018	16.19	PO	Taking Reactor on service.
Nagothane - Dabhol-II	IntraState	16/08/2018	17.05	16/08/2018	18.10	T	AR OPRATED AT NAGOTHANE.
Koradi 2-IEPL	IntraState	17/08/2018	09.34	17/08/2018	12.13	PO	line signature analysis test.
Lonikand2-Lonikand1 (Intrconector)	IntraState	17/08/2018	10.16	17/08/2018	20.44	PO	Distance Relay installation Work.
New Koyna -Koyna Stage IV-I	IntraState	17/08/2018	12.35	17/08/2018	23.25	PO	Testing Work
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	17/08/2018	06.13	17/08/2018	09.21	PO	to connect tripping contacts of NR make 400kv bus bar protection to ict bay.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	17/08/2018	12.43	17/08/2018	14.01	T	on main bucholz protn of Y -PH unit.
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	17/08/2018	16.21	17/08/2018	17.58	PO	to attend TCIV closed indication.
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	17/08/2018	16.45	17/08/2018	17.15	PO	to replace nitrogen cylinders of ctr system (Y- PH ONLY)
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.
Badnera - Deoli (PG)	InterState	16/08/2018	15.31	16/08/2018	16.03	PO	Attending Hot Spot
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.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading for availing outage on PG ckt 3.

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 16/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 17/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sonkhar - Trombay	IntraState	10/08/2018	08.49		Continued.	PO	Conductor Replacement Work.
Chakan-Bhosari	IntraState	16/08/2018	10.04	16/08/2018	13.05	PO	REPLACEMENT OF BPHASE PILOT INSULATOR.
Chinchwad-Hinjewadi I	IntraState	16/08/2018	14.48	16/08/2018	19.24	HT	FOR LOAD MANAGMENT.
Lonikand - Bhosari	IntraState	16/08/2018	14.50	16/08/2018	18.19	PO	Attending Hot Spot
TALEGAON - TALEGAON ambi (PG) -I	IntraState	16/08/2018	17.14	16/08/2018	19.10	PO	REPLACEMENT OF B-PHASE PILOT STRING DECAPPED.
Pophali - Kdph	IntraState	17/08/2018	01.25		Continued.	T	Distance Protection
Badnera-Akola I	IntraState	17/08/2018	08.30	17/08/2018	20.15	PO	replacement of r,y & b-ph ct.
Padghe-Kamba II	IntraState	17/08/2018	10.05	17/08/2018	13.10	PO	overhauling, servicing of 220kv line isolator.
Chitepimpalgaon-Shedra I	IntraState	17/08/2018	12.33	17/08/2018	18.15	PO	Routine Maintenance Work
Lonikand - Bhosari	IntraState	17/08/2018	16.56	17/08/2018	18.19	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.
220/132 Kv 200 MVA ICT-III @Phursungi	IntraState	16/08/2018	09.10	16/08/2018	16.05	PO	Half yearly maintenance work
132 KV LINE Outages/Trippings							
Ahamadnagar - Ashti	IntraState	16/08/2018	19.04	17/08/2018	03.07	T	Distance Protection

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