

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Sep/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.152	3034.849	1) Gujrat	-0.705	25.823
2) Hydro	5.516	400.110	2) Madhya Pradesh	11.920	405.016
3) Gas	8.064	212.727	3) Chattisgarh	6.300	176.920
Total MSPGCL	116.732	3647.686	4) Maharashtra Net	112.479	2763.034
B) 1) APML	59.792	1422.230	5) Goa (Amona)	-0.110	-2.970
2) JSWEL	27.648	615.601	Total	129.884	3367.823
3) VIPL	7.506	205.986	a) Mumbai Schedule	31.579	673.274
4) RPL(AMT)	20.208	638.615	b) Mumbai Drawl	33.097	809.673
5) WPCL	2.801	70.327	c) MSEDCL Bilateral *	19.796	523.548
6) PGPL	0.000	0.000	Include PX	1.302	43.501
7) Other IPP	3.563	81.348	d) Mumbai Bilateral *	31.579	669.123
C) 1) TPCL Thermal	17.420	463.076	Include PX	9.280	132.840
2) TPCL Hydro	4.622	126.472	Include Standby	0.000	4.150
3) TPCL Gas	3.425	77.983	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.956	275.075	1) MSEDCL	344.214	9623.960
D) STATE			2) Mumbai Discoms	64.521	1752.286
1) Thermal	248.046	6807.107	TOTAL STATE	408.735	11376.246
(A1+C1+C4+(B1-B6))					
2) Hydro	10.138	526.582			
(A2+C2)					
3) Gas	11.489	290.710			
(A3+B6+C3)					
4) Wind	7.193	326.102			
6) SOLAR	1.984	57.915			
TOTAL STATE	278.850	8008.416			

* 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	4317	4321	4659	4323
MSPGCL Hydro	591	180	294	145
MSPGCL Gas	275	310	421	280
MSPGCL Total Generation	5183	4811	5374	4748
Central Sector Receipt	6520	6102	5533	4277
WIND	97	103	310	342
CPP / IPP Thermal	5212	5199	5102	5127
CPP / IPP Gas	0	0	0	0
SOLAR	283	300	0	0
Exchange with Mumbai	-1692	-1659	-1447	-925
MSEDCL DEMAND MET	15603	14856	14873	13570
Load Shedding	708	899	0	0
MSEDCL DEMAND	16311	15755	14873	13570
TPCL GENERATION	1310	1293	1260	840
R-INFRA GENERATION	251	250	250	251
MUMBAI DEMAND	3253	3202	2957	2016
STATE DEMAND MET	18856	18058	17830	15586
STATE DEMAND	19564	18957	17830	15586
Frequency (Hz)	50.01	50.00	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 08.02 Hrs	49.84 Hz at 23.01 Hrs	49.99	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 29/Sep/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	34.12	0	0
Unit 8	10.33	315.31	520	0
Unit 9	0.00	69.47	0	0
Unit 10	8.98	242.29	453	0
Total	19.32	661.19		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.46	209.76	350	300
Unit 5	7.61	233.32	355	300
Total	15.07	443.08		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.35	128.46	191	175
Unit 7	0.00	120.17	0	0
Unit 8	4.18	6.94	186	150
Total	8.53	255.57		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.33	215.30	405	369
Unit 6	0.00	66.75	0	0
Unit 7	9.55	196.08	403	389
Unit 8	8.39	293.90	490	316
Unit 9	8.41	210.46	494	324
Total	35.68	1027.06		
Paras				
Unit 3	3.97	117.08	173	153
Unit 4	3.96	115.23	175	148
Total	7.94	232.30		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	0.00	79.84	0	0
Unit 3	0.00	36.38	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.85	63.34	450	356
Total	8.85	203.70		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.90	117.19	169	158
Unit 5	3.87	94.76	170	150
Total	7.77	211.94		
Uran				
All Units	8.06	212.73	439	264
Total	8.06	212.73		
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)	0.00	1.11	0	0
Total	0.00	1.11		
Koyna				
Stage 1-2	2.80	111.11	445	40
Stage 4	0.64	169.39	255	0
Stage 3	0.18	67.95	66	0
Total	3.62	348.44		
Hydro				
KDPH	0.45	8.44	19	18
VTRNA	0.31	10.90	61	0
TILLARI	0.00	1.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	9.68	80	0
RNGR+BHTSA	0.32	7.13	14	13
BHANDARDRA	0.00	4.54	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	9.35	17	16
GHATGHAR	0.00	0.00	0	0
Total	1.90	51.66		
Wind				
Total	7.19	326.10	0	0
Total	7.19	326.10		
CPP				
APML(Mus)	59.79	1422.23	0	0
JSWEL(Mus)	27.65	615.60	0	0
VIPL(Mus)	7.51	205.99	0	0
RPLAMT(Mus)	20.21	638.62	0	0
WPCL(Mus)	2.80	70.33	0	0
Other(Mus)	3.56	81.35	0	0
Total	121.52	3034.11		
SOLAR				
Total	1.98	57.92	0	0
Total	1.98	57.92		
Tata				
Trombay 5	11.54	303.61	485	467
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.04	44.81	102	62
Trombay 7B	1.38	33.18	63	49
Trombay 8	5.88	159.47	248	214
TATA Hydro	4.62	126.47	418	10
Total	25.47	667.53		
R-INFRA				
DTPS U-1&2	5.96	275.08	251	208
Total	5.96	275.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.15	3034.85	MSPGCL Total	116.73	3647.69
			MSPGCL Thml+Gas	111.22	3247.58	Koyna 1,2 & 4 Total	3.44	280.50
			MSPGCL Hydro	5.52	400.11	State Total	278.85	8008.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Sep/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	4319	119	268	4706	542	5239	0	0	4558	4534	-1401	13621	0	13621	2528	16149	49.96
2	4315	100	277	4692	391	5221	0	0	4166	4297	-1152	13449	0	13449	2248	15697	49.99
3	4306	100	267	4673	363	5201	0	0	4093	4411	-1023	13625	0	13625	2111	15736	49.98
4	4323	145	280	4748	342	5127	0	0	4139	4277	-925	13570	0	13570	2016	15586	50.00
5	4359	119	268	4746	321	5151	0	0	4501	4710	-899	14030	0	14030	1990	16020	49.97
6	4400	159	279	4838	376	5136	0	0	5187	5391	-961	14780	108	14888	2052	16940	50.01
7	4401	336	281	5018	396	5135	0	10	5517	5831	-1114	15277	414	15691	2188	17879	50.02
8	4462	116	280	4858	346	5112	0	65	5617	5780	-1205	14956	418	15374	2305	17679	50.04
9	4378	152	268	4798	221	5123	0	143	5849	6142	-1453	14975	211	15186	2658	17844	50.01
10	4324	226	275	4825	168	5194	0	227	5701	5944	-1551	14807	135	14942	3028	17970	49.95
11	4288	483	264	5035	109	5211	0	263	5862	5768	-1587	14799	235	15034	3130	18164	50.00
12	4317	591	275	5183	97	5212	0	283	5933	6520	-1692	15603	708	16311	3253	19564	50.01
13	4321	180	310	4811	103	5199	0	300	5944	6102	-1659	14856	899	15755	3202	18957	50.00
14	4287	99	363	4749	148	5204	0	254	5912	5757	-1609	14504	837	15341	3076	18417	49.98
15	4261	89	378	4728	228	5208	0	216	5921	5656	-1878	14157	347	14504	3150	17654	50.03
16	4225	89	399	4713	290	5165	0	126	5931	6122	-1740	14676	102	14778	3160	17938	50.01
17	4207	89	402	4698	315	5156	0	70	5580	5437	-1736	13940	43	13983	3110	17093	50.01
18	4278	139	402	4819	259	5153	0	26	5343	5398	-1606	14048	0	14048	3015	17064	49.96
19	4397	238	405	5040	221	5125	0	1	5537	5730	-1504	14613	0	14613	3012	17625	49.98
20	4659	294	421	5374	310	5102	0	0	5674	5533	-1447	14873	0	14873	2957	17830	50.01
21	4714	203	430	5347	359	4895	0	0	5225	5257	-1315	14543	0	14543	2747	17290	49.97
22	4507	173	416	5096	445	4672	0	0	4907	4880	-1218	13875	0	13875	2653	16528	49.97
23	3656	535	417	4608	435	4342	0	0	4959	5197	-1192	13390	0	13390	2499	15889	49.94
24	3448	742	439	4629	408	4232	0	0	4995	5210	-1230	13249	0	13249	2432	15681	49.93
MUs	103.15	5.52	8.06	116.73	7.19	121.52	0.00	1.98	127.05	129.88	-33.10	344.21	4.46	348.67	64.52	413.19	49.99

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 29/Sep/2017

Position as on 6.30 Hrs of 30/Sep/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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30	29/09/2017	02.13	Reactor Inspection Work	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work.Converted to COH from 15.08.2017.	
MSPGCL	Chandrapur Unit 4	210	22/08/2017	23.56	30/09/2017	01.28	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.	Shutdown	
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	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK(Coal Shortage From 11-09-2017)	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
IPP	Adani U-4	660	06/09/2017	21.47		Continued.	Changeover from U-4 to U1	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Sep/2017

Position as on 6.30 Hrs of 30/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017.	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	09/09/2017	04.40		Continued.	Coal Shortage form 12.09.2017.	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	19/09/2017	22.52		Continued.	Boiler protection Operated	
RINFRA-G	REL Unit 2	250	22/09/2017	00.11		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	25/09/2017	06.50		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	28/09/2017	21.12		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 10	660	29/09/2017	21.56	29/09/2017	23.34	Electrical overspeed protection operated.	
MSPGCL	Koradi Unit-8	660	29/09/2017	22.32		Continued.	Turbine tripped.	
MSPGCL	Chandrapur Unit 4	210	30/09/2017	03.56		Continued.	Vaccum protection operated.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 30/Sep/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							
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	28/09/2017	17.00	29/09/2017	12.30	T	Over Voltage
Chandrapur II - Dhariwal -I	InterState	29/09/2017	11.52	29/09/2017	14.32	PO	Routine Maintenance Work
Dhule Sar'Sarovar II	InterState	29/09/2017	12.38		Continued.	EO	to attend sparking at loc.
Ektuni-Bableshwar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Karad - Jaigad - II	IntraState	27/09/2017	20.43		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/09/2017	19.55	29/09/2017	11.11	HT	Over Voltage
karad -kolhapur-II	IntraState	28/09/2017	21.37		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	28/09/2017	23.25	29/09/2017	06.03	PO	Tower Erection Work
Dhule- Bableshwar - I	IntraState	29/09/2017	01.16	29/09/2017	02.00	HT	Emergency Hand Tripped For Isolation Of Bus 02
Babhaleshwar - Padghe-I	IntraState	29/09/2017	01.16	29/09/2017	01.55	HT	Emergency Hand Tripped For Isolation Of Bus 02
Babhaleshwar - Bhusawal II	IntraState	29/09/2017	01.17	29/09/2017	01.50	HT	Emergency Hand Tripped For Isolation Of Bus 02
Babhleshwar - RIPL(Nashik)	IntraState	29/09/2017	01.18	29/09/2017	01.57	HT	Emergency Hand Tripped For Isolation Of Bus 02
Girwali- Lonikand 2	IntraState	29/09/2017	10.19	29/09/2017	18.34	PO	Routine Maintenance Work
Bhusawal-Aurangabad	IntraState	29/09/2017	18.07		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	29/09/2017	01.18	29/09/2017	01.47	HT	Emergency Hand Tripped For Isolation Of Bus 02
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	29/09/2017	01.19	29/09/2017	01.42	HT	Emergency Hand Tripped For Isolation Of Bus 02
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.
Mahalakshmi Amona	InterState	29/09/2017	01.58	29/09/2017	08.17	T	Over Voltage
Tillari Amona	InterState	29/09/2017	02.33	29/09/2017	08.19	T	Over Voltage
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.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Goregaon Versova Line 2	IntraState	29/09/2017	08.10		Continued.	PO	y and b ph relay replacement.
Gcr Chandrapur - Grace Ltd	IntraState	29/09/2017	09.03	29/09/2017	18.27	EO	Attending Hot Spot
Jamde-Dondaicha 1	IntraState	29/09/2017	09.47	29/09/2017	12.39	PO	carrying out signature test.
Sonkhar - Trombay	IntraState	29/09/2017	13.18	29/09/2017	15.58	PO	reconnection of line isolator.
Eklahare (Gcr) - Ghatghar	IntraState	29/09/2017	14.31	29/09/2017	15.02	T	Distance Protection
Osmanabad - Barshi	IntraState	29/09/2017	15.24	29/09/2017	17.24	PO	Measurement of breaker timings.
Jamde-Dondaicha 2	IntraState	29/09/2017	15.27	29/09/2017	16.37	PO	carrying out signature test.
Nashik-Padgha	IntraState	29/09/2017	16.00		Continued.	T	Distance Protection
Mahad-Kandalgaon	IntraState	29/09/2017	16.40	29/09/2017	17.20	T	Distance Protection
Vilebagad-Kandalgaon(Inox tap)	IntraState	29/09/2017	16.44	29/09/2017	17.30	T	Distance Protection
Trombay - Mulund	IntraState	29/09/2017	16.49		Continued.	PO	for checking bph current zero.

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 29/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 30/Sep/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Uran - Apta IV	IntraState	29/09/2017	19.14	29/09/2017	19.35	T	Distance Protection
Uran - Kharghar 2	IntraState	29/09/2017	19.14	29/09/2017	19.34	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)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.
220/132 kv 200MVA ICT-V @ Nashik	IntraState	29/09/2017	07.56	29/09/2017	12.27	PO	Routine Maintenance Work
220/132kv 150MVA ICT-II @ Bhenda	IntraState	29/09/2017	09.32	29/09/2017	15.04	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Muktainagar-Bodwad	IntraState	29/09/2017	05.55	29/09/2017	07.19	T	Distance Protection
Parli 2(Girwali) - Latur Midc	IntraState	29/09/2017	17.20	29/09/2017	19.18	T	Distance Protection
Parbhani-Bageshwari	IntraState	29/09/2017	21.12	29/09/2017	21.24	T	Distance Protection

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