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**Gujarat Energy Transmission Corporation Ltd (GETCO)**

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**3-ph to Ground Fault Level of GETCO System**  
**(June-2018 Condition)**

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (a) Navsari**

**DIVISION : Ichhapore**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Bhestan	132 KV	10.81	2472.08
132KV Bhestan	66 KV	18.65	2131.51
220KV Ichchhapore	220 KV	28.18	10739.01
220KV Ichchhapore	66 KV	28.11	3213.19
220KV Mora (L&T)	220 KV	20.08	7652.04
220KV Popda	220 KV	17.60	6704.64
220KV Popda	132 KV	11.16	2551.41
220KV Popda	66 KV	23.78	2718.64
220KV Talangpur	220 KV	21.82	8314.17
220KV Talangpur	66 KV	27.05	3092.14
66KV Adajan	66 KV	6.55	748.60
66KV Bhagwati	66 KV	14.71	1681.55
66KV Dumas	66 KV	8.57	979.45
66KV Eklera	66 KV	7.50	857.02
66KV GHB	66 KV	23.16	2647.27
66KV Godadara	66 KV	9.76	1115.78
66KV Govalak	66 KV	15.88	1815.02
66KV Ichchhapore-1	66 KV	16.62	1899.49
66KV Jiav	66 KV	11.95	1366.13
66KV Khajod	66 KV	8.83	1009.82
66KV Kosad	66 KV	9.99	1141.94
66KV Kosmada	66 KV	16.51	1887.48
66KV Mora	66 KV	15.89	1816.38
66KV Olpad	66 KV	3.03	345.83
66KV Pal	66 KV	7.16	818.78
66KV Pala	66 KV	8.40	960.44
66KV Pandesara A	66 KV	9.42	1076.37
66KV Pandesara B	66 KV	9.45	1080.33
66KV Puna	66 KV	8.80	1005.67

66KV Sachin A	66 KV	20.86	2384.50
66KV Sachin B	66 KV	21.54	2461.86
66KV Sachin C	66 KV	21.38	2443.99
66KV Sachin D	66 KV	20.51	2344.37
66KV Sarthana	66 KV	8.65	988.67
66KV SVNIT	66 KV	11.14	1273.77
66KV Tapi	66 KV	22.53	2575.22
66KV Udhna	66 KV	16.13	1843.48
66KV Vadod	66 KV	10.63	1214.77
66KV Vanz	66 KV	14.81	1692.81
66KV Variav	66 KV	11.36	1298.22
66KV Vesu	66 KV	12.35	1411.27
66KV Vesu-2	66 KV	12.21	1396.03

**DIVISION : Navsari**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Ambheta (Chikhli)	220 KV	21.22	8086.93
220KV Ambheta (Chikhli)	66 KV	13.90	1589.19
220KV Navsari	220 KV	28.87	10998.74
220KV Navsari	132 KV	15.36	3511.28
220KV Navsari	66 KV	23.92	2733.91
66KV Ahwa	66 KV	1.19	135.84
66KV Amalsad	66 KV	4.89	559.36
66KV Anaval	66 KV	5.03	575.32
66KV Anklash	66 KV	2.05	234.24
66KV Balwada	66 KV	6.80	777.17
66KV Bhatha	66 KV	8.14	930.56
66KV Bhatiya	66 KV	7.66	875.84
66KV Bhinar	66 KV	4.69	535.51
66KV Bilimora	66 KV	12.39	1416.24
66KV Chhapar	66 KV	4.00	456.77
66KV Chhapra	66 KV	18.13	2072.56
66KV Chikhli	66 KV	12.21	1396.02
66KV Dabhel	66 KV	10.61	1212.44
66KV Dangi	66 KV	4.01	458.36

66KV Dolwan	66 KV	3.95	451.34
66KV Eroo	66 KV	14.26	1630.01
66KV Fadwel	66 KV	4.35	497.52
66KV Galkuva	66 KV	1.59	181.18
66KV Gandevi	66 KV	8.63	986.42
66KV Godthal	66 KV	2.72	311.14
66KV Gundalav GIDC	66 KV	8.83	1008.88
66KV Kapadvan	66 KV	1.84	210.46
66KV Karanjkhed	66 KV	3.76	429.49
66KV Khergam	66 KV	3.41	390.13
66KV Mahuvas	66 KV	2.89	330.35
66KV Malangdev	66 KV	1.22	139.26
66KV Mangliya	66 KV	2.25	257.36
66KV Mangrol	66 KV	15.64	1788.32
66KV Maroli	66 KV	5.07	579.26
66KV Navsari City	66 KV	15.69	1793.38
66KV Piprol	66 KV	2.23	254.51
66KV Rankuva	66 KV	6.75	771.43
66KV Rumla	66 KV	3.30	377.36
66KV Saputara	66 KV	0.85	97.27
66KV Singod	66 KV	2.91	333.04
66KV Subir	66 KV	0.96	109.89
66KV SUSN	66 KV	19.30	2206.49
66KV Tankal	66 KV	5.41	618.56
66KV Vansada	66 KV	4.43	506.36
66KV Vesma	66 KV	3.98	455.43
66KV Waghai	66 KV	2.01	229.36

**DIVISION : Vapi**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Atul	220 KV	11.49	4379.34
220KV Atul	132 KV	5.47	1250.41
220KV Atul	66 KV	22.10	2526.79
220KV Bhilad	220 KV	24.54	9352.27
220KV Bhilad	66 KV	17.77	2031.09

220KV Vapi	220 KV	25.05	9545.47
220KV Vapi	66 KV	27.09	3096.23
66KV 3rd Ph.	66 KV	12.14	1388.17
66KV 4th Ph.	66 KV	12.10	1383.57
66KV A'pardi	66 KV	12.67	1448.78
66KV Astol	66 KV	1.26	143.94
66KV Bhagdawada	66 KV	4.53	518.04
66KV Chandor	66 KV	7.53	860.17
66KV Dadra	66 KV	4.14	472.71
66KV Daliwa	66 KV	12.05	1377.30
66KV D'ganga	66 KV	3.76	429.90
66KV D'pur	66 KV	3.91	447.22
66KV Dungra	66 KV	7.14	816.38
66KV Dungri	66 KV	6.10	697.19
66KV Kalak	66 KV	7.63	872.32
66KV Kaprada	66 KV	1.57	179.66
66KV Kashiga	66 KV	11.44	1307.74
66KV Khadki	66 KV	7.18	820.38
66KV Khandol	66 KV	1.89	215.81
66KV Khanvel	66 KV	1.70	194.32
66KV K'kopar	66 KV	2.25	257.14
66KV Kocharva	66 KV	3.30	377.28
66KV Masat	66 KV	2.86	327.07
66KV Morai	66 KV	7.69	878.52
66KV Morali 2ph	66 KV	7.66	875.41
66KV Nanivahiyal	66 KV	2.26	258.19
66KV Palgam	66 KV	4.98	568.91
66KV Paria	66 KV	6.00	685.47
66KV Rakholi	66 KV	2.28	260.08
66KV Sahuda	66 KV	1.14	129.72
66KV Sanjan	66 KV	5.99	684.11
66KV Sarigam	66 KV	14.19	1622.19
66KV Sarigam-2	66 KV	8.18	934.63
66KV Silly	66 KV	4.32	493.56

66KV Sutharpada	66 KV	1.00	114.79
66KV Umargam	66 KV	4.79	547.35
66KV Umargam Ph-II	66 KV	4.75	542.36
66KV Untadi	66 KV	4.69	535.90
66KV Valandi	66 KV	4.65	531.80
66KV Valsad	66 KV	4.47	511.29
66KV Vapi GIDC	66 KV	17.21	1966.97
66KV Vapi Ph-II	66 KV	11.08	1266.01

**DIVISION : Vav**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Mota	220 KV	36.87	14049.15
220KV Mota	66 KV	32.75	3743.95
220KV Vav	220 KV	42.44	16169.48
220KV Vav	66 KV	49.58	5667.44
66KV Afwa	66 KV	7.78	888.85
66KV Bamniya	66 KV	2.82	321.93
66KV Bardoli	66 KV	12.98	1483.57
66KV Bhimpore	66 KV	3.95	451.68
66KV Borakhadi	66 KV	4.89	559.03
66KV Chikhalvav	66 KV	2.30	263.26
66KV Chikhlibhesrot	66 KV	3.20	365.47
66KV Chival	66 KV	1.75	200.22
66KV Delad	66 KV	6.09	696.04
66KV Erthan	66 KV	14.18	1621.39
66KV Jamkhadi	66 KV	1.66	190.02
66KV Jolva	66 KV	14.99	1713.30
66KV Kadod	66 KV	5.13	585.93
66KV Kadodara	66 KV	20.59	2353.37
66KV Kakrapar	66 KV	1.78	202.94
66KV Kalkava	66 KV	4.75	543.03
66KV Kamrej	66 KV	17.87	2042.81
66KV Kavla	66 KV	8.65	988.92
66KV Kukarmunda	66 KV	0.89	101.72
66KV Kumkuva	66 KV	2.91	332.28

66KV Laskana	66 KV	15.78	1803.60
66KV Madhi	66 KV	3.27	373.46
66KV Magarkui	66 KV	3.13	357.68
66KV Mahuva	66 KV	6.40	732.05
66KV Mandal	66 KV	3.59	410.43
66KV Mota Varacha	66 KV	11.86	1355.17
66KV Munpur	66 KV	2.90	331.71
66KV Naranpura	66 KV	1.65	188.96
66KV Nimbhora	66 KV	0.74	84.18
66KV Niyol	66 KV	4.72	539.98
66KV Nizar	66 KV	0.80	91.24
66KV Palsana	66 KV	11.06	1263.83
66KV Parab	66 KV	13.42	1534.43
66KV Rumkhitalav	66 KV	1.25	142.70
66KV Rupwada	66 KV	3.72	425.65
66KV Sampura	66 KV	12.40	1416.92
66KV Sarbhon	66 KV	8.88	1014.49
66KV Sarthan	66 KV	9.62	1099.98
66KV Sisor	66 KV	4.00	457.47
66KV Songadh	66 KV	11.01	1258.59
66KV Tantithaiya	66 KV	10.52	1202.21
66KV Uchchhal	66 KV	2.45	279.45
66KV Ukai	66 KV	13.12	1499.25
66KV Vadibhesrot	66 KV	11.35	1297.78
66KV Valod	66 KV	7.29	833.26
66KV Virpore	66 KV	3.97	453.95
66KV Vyara	66 KV	3.28	374.50
66KV Vyara II	66 KV	3.26	372.72

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (b) Bharuch**

**DIVISION : Achhalia**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Valia	132 KV	9.06	2070.66
132KV Valia	66 KV	10.18	1163.56
220KV Achhalia	220 KV	22.85	8706.00
220KV Achhalia	132 KV	19.31	4414.56
220KV Achhalia	66 KV	14.01	1601.26
220KV Zagadia	220 KV	27.64	10533.62
220KV Zagadia	66 KV	15.15	1732.04
66KV Amletha	66 KV	2.48	283.82
66KV Bal	66 KV	0.84	95.78
66KV Bhacharwada	66 KV	1.53	174.93
66KV Bhalod	66 KV	2.77	316.84
66KV Bhogvada	66 KV	1.08	123.28
66KV Bitada	66 KV	2.50	285.93
66KV Borda	66 KV	3.91	446.74
66KV Chikda	66 KV	1.16	132.18
66KV Dadheda	66 KV	8.28	946.96
66KV Daheli	66 KV	5.08	581.05
66KV Dediapada	66 KV	1.01	115.08
66KV Duttnagar	66 KV	4.47	510.75
66KV Mouza	66 KV	2.08	237.40
66KV Netrang	66 KV	4.31	492.54
66KV Ori	66 KV	2.99	341.91
66KV Panetha	66 KV	4.41	504.21
66KV Petiya	66 KV	2.84	324.24
66KV Pratapnagar	66 KV	4.55	520.00
66KV Rajpardi	66 KV	7.38	844.04
66KV Rajpipla	66 KV	1.91	218.09
66KV Rajuvadiala	66 KV	4.57	522.14
66KV Randeri	66 KV	10.78	1231.92



66KV Sadadapani	66 KV	1.74	199.24
66KV Sagbara	66 KV	1.29	147.50
66KV Zagadia	66 KV	8.11	926.52

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**DIVISION : Bharuch**

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SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Ankleshwar	132 KV	15.36	3511.84
132KV Ankleshwar	66 KV	21.28	2432.83
132KV Bharuch	132 KV	14.94	3414.64
132KV Bharuch	66 KV	5.51	630.26
220KV Dahej	220 KV	12.69	4835.83
220KV Dahej	66 KV	16.93	1935.00
220KV Suva	220 KV	12.26	4672.45
220KV Suva	66 KV	8.62	985.27
66KV Ankleshwar 'A'	66 KV	10.29	1176.52
66KV Ankleshwar 'B'	66 KV	5.09	581.92
66KV Ankleshwar 'U'	66 KV	1.41	160.80
66KV Bharuch 'B'	66 KV	10.00	1143.62
66KV Bhensali	66 KV	4.42	504.85
66KV Dahej	66 KV	12.93	1477.97
66KV Devla	66 KV	1.20	137.48
66KV FTP	66 KV	4.50	514.62
66KV Galenda	66 KV	7.06	806.83
66KV Hansot	66 KV	2.15	245.54
66KV Jolva	66 KV	5.90	674.74
66KV Kurchan	66 KV	5.73	655.21
66KV Luna	66 KV	9.02	1030.56
66KV Panchbatti	66 KV	2.43	277.55
66KV Panoli	66 KV	15.14	1731.16
66KV Panoli-II	66 KV	13.20	1509.34
66KV Sambheti	66 KV	6.91	789.60
66KV Suva	66 KV	8.26	943.69
66KV Vadadla	66 KV	7.64	873.16

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**DIVISION : Haldarwa**

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SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
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220KV Haldarwa	220 KV	43.05	16403.15
220KV Haldarwa	132 KV	18.00	4114.61
220KV Haldarwa	66 KV	28.26	3230.16
220KV Vagra	220 KV	12.42	4731.99
220KV Vagra	66 KV	11.72	1339.84
66KV Amod	66 KV	3.42	391.45
66KV Chhidra	66 KV	1.55	176.71
66KV Jambusar	66 KV	3.76	429.35
66KV Kadod-B	66 KV	6.72	767.97
66KV Kukarvada	66 KV	3.36	383.76
66KV Muller	66 KV	2.47	282.23
66KV Palej	66 KV	14.01	1601.78
66KV Rarod	66 KV	2.96	338.51
66KV Sarbhan	66 KV	3.87	442.39
66KV Saring	66 KV	4.79	547.94
66KV Saykha	66 KV	5.29	604.21
66KV Shayka	66 KV	8.78	1003.28
66KV Vagra	66 KV	6.25	714.94
66KV Vilayat	66 KV	10.53	1203.37
66KV Zanor	66 KV	3.44	393.48

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**DIVISION : Kim**

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<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
220KV Kim	220 KV	38.98	14853.32
220KV Kim	66 KV	37.95	4337.51
400KV Kosamba	400 KV	28.00	19395.00
400KV Kosamba	220 KV	47.76	18197.49
400KV Kosamba	66 KV	19.35	2211.47
66KV Areth	66 KV	8.10	926.38
66KV Karanj	66 KV	21.63	2472.83
66KV Kasal	66 KV	5.89	672.74
66KV Kharach	66 KV	13.87	1585.80
66KV Kosamba	66 KV	22.01	2515.55
66KV Mandvi	66 KV	3.12	356.22
66KV Mindhi	66 KV	3.03	346.17

66KV Mosali	66 KV	2.88	328.93
66KV Mota Borasra	66 KV	21.97	2511.18
66KV Palod	66 KV	33.25	3800.27
66KV Palod II	66 KV	37.94	4336.67
66KV Pipodra	66 KV	18.98	2169.69
66KV Shivan	66 KV	4.53	518.01
66KV Umarkhadi	66 KV	1.01	115.70
66KV Vadoli	66 KV	6.72	768.52
66KV Vankal	66 KV	1.72	197.11
66KV Velanja	66 KV	11.45	1308.95
66KV Zankhvav	66 KV	1.23	140.71

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (c) Jambuva**

**DIVISION : Asoj**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
400KV Asoj	400 KV	42.97	29771.48
400KV Asoj	220 KV	50.19	19124.78
400KV Asoj	132 KV	32.20	7360.89

**DIVISION : Bodeli**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Tilakwada	132 KV	10.50	2400.13
132KV Tilakwada	66 KV	11.24	1285.33
132KV Vasedi	132 KV	5.52	1262.64
132KV Vasedi	66 KV	7.14	815.96
132KV Zoz	132 KV	4.99	1139.66
132KV Zoz	66 KV	4.67	533.88
220KV Kawant	220 KV	2.66	1013.06
66KV Amdala	66 KV	3.67	420.01
66KV Bhatpur	66 KV	3.86	441.02
66KV Bhekhadia	66 KV	2.81	320.79
66KV Bodeli	66 KV	1.88	214.97
66KV Chalamali	66 KV	3.58	409.40
66KV Chandod	66 KV	4.89	558.67
66KV Garudesare	66 KV	5.40	617.65
66KV Ghoghamba	66 KV	3.10	353.96
66KV Judavant	66 KV	1.86	212.89
66KV Kawant	66 KV	2.81	321.56
66KV Kosindra	66 KV	4.37	499.40
66KV Lehvant	66 KV	3.01	343.89
66KV Limpura	66 KV	5.81	664.57
66KV Naswadi	66 KV	5.24	598.45
66KV Navagam	66 KV	3.38	386.73
66KV Panvad	66 KV	3.12	356.29
66KV Pavijetpur	66 KV	3.88	443.94

66KV Pisai	66 KV	3.05	348.80
66KV Rangali Chowdi	66 KV	3.18	363.92
66KV Ranjitnagar	66 KV	3.01	344.09
66KV Ratanpur	66 KV	3.30	377.42
66KV Sadhali	66 KV	1.89	216.33
66KV Samiyala	66 KV	3.38	386.09
66KV Sankheda	66 KV	3.88	443.82
66KV Sengpur	66 KV	2.83	323.43
66KV Shivrajpur	66 KV	2.73	312.02
66KV Simli	66 KV	3.14	359.09
66KV Sinor	66 KV	1.41	161.19
66KV Suikuva	66 KV	4.23	483.88
66KV Survyaghoda	66 KV	1.97	225.56
66KV Tarkhanda	66 KV	3.95	451.61
66KV Uchapan	66 KV	1.95	223.00
66KV Vadoth	66 KV	2.17	248.22
66KV Vaghach	66 KV	3.01	343.80
66KV Vanar	66 KV	4.63	528.92

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**DIVISION : Godhra**

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<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Dahod	132 KV	3.84	876.94
132KV Dahod	66 KV	5.66	646.80
132KV Limkheda	132 KV	4.45	1016.75
220KV Chandrapura	220 KV	19.64	7482.07
220KV Chandrapura	66 KV	17.12	1956.42
220KV Godhra	220 KV	17.78	6775.24
220KV Godhra	132 KV	10.43	2385.40
220KV Godhra	66 KV	15.05	1720.54
220KV Lunawada	220 KV	9.24	3520.65
220KV Lunawada	66 KV	13.31	1521.64
66KV Ankaliya	66 KV	7.45	851.21
66KV Bakor	66 KV	2.76	315.24
66KV Bhadroli Khurd	66 KV	3.95	451.86
66KV Bore	66 KV	3.60	411.01

66KV Chandpur	66 KV	2.21	252.94
66KV Chhapri (Kharedi)	66 KV	4.37	499.57
66KV D Bariya	66 KV	2.65	302.72
66KV Ditvas	66 KV	1.41	160.89
66KV Fangiya	66 KV	1.48	169.55
66KV G.I.D.C. (Halol)	66 KV	11.14	1273.82
66KV Gokalpura	66 KV	2.95	337.15
66KV Gulotra	66 KV	2.14	245.01
66KV Jafrabad	66 KV	11.73	1340.66
66KV Kalol	66 KV	8.98	1026.47
66KV Kankanpur	66 KV	5.00	571.06
66KV Karath (Limbdi)	66 KV	3.08	351.77
66KV Kathla	66 KV	2.47	282.17
66KV Khakhriya	66 KV	12.03	1374.82
66KV Kharedi	66 KV	3.53	403.95
66KV Kothamba	66 KV	3.50	399.58
66KV Lileshara	66 KV	8.49	970.77
66KV Limbadiya	66 KV	2.58	294.86
66KV Limdamuadi	66 KV	7.02	802.32
66KV Limkheda	66 KV	5.39	616.38
66KV Lunawada	66 KV	5.68	649.77
66KV Madhwas	66 KV	12.01	1372.51
66KV Malvan	66 KV	4.61	527.36
66KV Mora	66 KV	4.34	495.71
66KV Mota Amalia	66 KV	1.29	147.88
66KV Mota Khanpur	66 KV	5.45	623.07
66KV Movasa	66 KV	8.57	979.59
66KV Nalvai	66 KV	2.08	237.74
66KV Nandarva	66 KV	4.94	564.34
66KV Navagam (J)	66 KV	2.81	321.11
66KV Padaradi	66 KV	6.49	741.73
66KV Pipero	66 KV	1.59	181.30
66KV Piplod	66 KV	4.43	506.87
66KV Rajayata	66 KV	3.58	408.81

66KV Sahera	66 KV	6.25	714.61
66KV Santroad	66 KV	5.27	602.61
66KV Sarasava	66 KV	2.54	290.72
66KV Simaliya	66 KV	5.76	658.09
66KV Timba	66 KV	3.45	394.65
66KV Vajelav	66 KV	3.05	349.14
66KV Valakedi	66 KV	2.66	303.64
66KV Varadhri	66 KV	2.23	255.28
66KV Vejalpur	66 KV	6.13	700.97
66KV Zalod	66 KV	2.67	304.95

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**DIVISION : Gotri**

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SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Gotri	132 KV	25.17	5753.27
132KV Gotri	66 KV	26.37	3014.53
220KV Gavasad	220 KV	19.79	7541.15
220KV Gavasad	66 KV	15.01	1715.25
220KV Karjan	220 KV	9.11	3472.07
220KV Karjan	132 KV	14.64	3347.15
220KV Karjan	66 KV	25.17	2877.68
66KV Atladra	66 KV	17.93	2049.32
66KV Bhayali	66 KV	9.03	1031.92
66KV Chhani A	66 KV	17.79	2034.02
66KV Chhani B	66 KV	14.65	1674.36
66KV Gorwa	66 KV	23.01	2629.77
66KV Gotri-B	66 KV	25.91	2962.31
66KV Handod	66 KV	4.43	505.97
66KV Karjan-B	66 KV	11.37	1299.75
66KV Karkhadi	66 KV	6.97	797.21
66KV Kashipura	66 KV	4.37	499.20
66KV Lakhodra	66 KV	10.61	1212.24
66KV Mahuvad	66 KV	5.89	672.98
66KV Masar Road	66 KV	11.53	1318.46
66KV Mobha	66 KV	12.88	1472.46
66KV Padra	66 KV	3.65	416.64

66KV Samiyala	66 KV	9.68	1106.80
66KV Shubhanpura	66 KV	20.21	2310.64
66KV Vasna Road	66 KV	18.47	2110.85
66KV Vidhutnagar	66 KV	20.91	2389.87

**DIVISION : Jambuva**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Jambuva	220 KV	36.93	14072.87
220KV Jambuva	132 KV	30.79	7039.89
220KV Jambuva	66 KV	28.68	3278.51
220KV Waghodia	220 KV	11.09	4224.16
220KV Waghodia	66 KV	14.26	1630.25
66KV Bodka	66 KV	4.99	570.59
66KV Boriav	66 KV	16.94	1936.92
66KV Dabhoi	66 KV	5.96	680.71
66KV Gajrawadi	66 KV	4.64	529.86
66KV Harni	66 KV	16.08	1837.97
66KV Indrapuri	66 KV	14.29	1633.46
66KV Karvan	66 KV	1.41	161.19
66KV Khatamba	66 KV	8.92	1020.11
66KV Makarpura	66 KV	19.72	2254.34
66KV Makarpura-2	66 KV	17.27	1974.26
66KV Motibaug	66 KV	4.30	491.73
66KV Rustampara	66 KV	2.22	254.05
66KV Sama	66 KV	17.87	2042.38
66KV Tarsali	66 KV	18.75	2143.71
66KV Waghodia Road	66 KV	14.05	1605.99

**DIVISION : Koyli**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV F"Nagar	132 KV	25.80	5897.64
132KV F"Nagar	66 KV	7.68	878.36
132KV J"Nagar	132 KV	25.05	5728.02
132KV Manjusar	132 KV	19.70	4502.74
132KV Manjusar	66 KV	14.31	1635.44
132KV Nandesari-II	132 KV	21.67	4953.51



220KV Jarod (Vyankatpur)	220 KV	18.41	7013.79
220KV Jarod (Vyankatpur)	66 KV	13.95	1594.66
66KV Alindra	66 KV	8.43	963.52
66KV Amaliyara	66 KV	17.72	2025.14
66KV Baska	66 KV	8.42	962.83
66KV Desar	66 KV	2.37	271.13
66KV Godampura (Pratapnag)	66 KV	5.52	630.56
66KV Jarod	66 KV	5.21	595.34
66KV Koyali	66 KV	12.82	1465.80
66KV Madar	66 KV	4.02	459.55
66KV Nandesari	66 KV	13.96	1595.69
66KV Nandesari III	66 KV	12.48	1426.12
66KV Nandesari-I	66 KV	13.57	1550.70
66KV Paldi (Asoj)	66 KV	19.49	2228.44
66KV Poicha	66 KV	7.19	822.24
66KV Rania	66 KV	6.68	763.10
66KV Ranoli	66 KV	8.64	987.73
66KV Savli	66 KV	6.81	778.51
66KV Tundav	66 KV	9.15	1045.57

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (d) Nadiad**

**DIVISION : Karamsad**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Ode	132 KV	11.52	2634.04
132KV Ode	66 KV	9.20	1051.65
132KV Undel	132 KV	8.56	1957.28
132KV Undel	66 KV	10.46	1195.75
220KV Karamsad	220 KV	41.73	15900.84
220KV Karamsad	132 KV	22.80	5211.89
220KV Karamsad	66 KV	45.85	5241.55
220KV Mogar	220 KV	28.38	10813.67
220KV Mogar	66 KV	27.54	3147.88
66KV Anand	66 KV	26.39	3016.20
66KV Anklav	66 KV	6.51	744.27
66KV Bhalej	66 KV	4.04	461.89
66KV Borsad	66 KV	6.42	734.37
66KV Cambay	66 KV	8.98	1026.38
66KV Gopalpura	66 KV	16.42	1877.18
66KV Haldari	66 KV	11.00	1257.03
66KV Jol	66 KV	15.66	1789.80
66KV Karamsad	66 KV	33.10	3783.79
66KV Kasor	66 KV	19.39	2216.77
66KV Khanpur	66 KV	2.12	242.62
66KV Limbali	66 KV	8.96	1023.77
66KV Nar	66 KV	7.06	806.59
66KV Navakhhal	66 KV	4.70	537.20
66KV Navli	66 KV	14.61	1670.30
66KV Neja	66 KV	3.99	456.05
66KV Nesh	66 KV	4.35	496.89
66KV Petlad	66 KV	14.99	1713.93
66KV Ras	66 KV	2.27	259.08
66KV Sarsa	66 KV	4.58	523.65

66KV Singlav	66 KV	8.59	982.04
66KV Sureli	66 KV	8.07	922.20
66KV V.U.Nagar	66 KV	17.89	2045.25
66KV V.V.Nagar	66 KV	17.42	1990.91
66KV Vasad	66 KV	3.05	349.14
66KV Vatadara	66 KV	3.25	371.84
66KV Virsad	66 KV	1.93	220.45

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**DIVISION : Kasor**

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SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
400KV Kasor	400 KV	19.06	13203.33
400KV Kasor	220 KV	36.89	14056.43
400KV Kasor	66 KV	19.72	2253.63

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**DIVISION : Nadiad**

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SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Mahemdabad	132 KV	12.43	2842.31
132KV Mahemdabad	66 KV	14.09	1610.36
132KV Nadiad	132 KV	10.47	2393.30
132KV Nadiad	66 KV	9.63	1101.15
220KV Bagodara	220 KV	10.51	4004.69
220KV Kapadwanj	220 KV	17.54	6682.32
220KV Kapadwanj	66 KV	24.07	2751.71
66KV Akhdol	66 KV	7.18	820.85
66KV Aklacha	66 KV	5.30	605.38
66KV Alina	66 KV	2.60	296.70
66KV Anara	66 KV	6.21	709.96
66KV Appruji	66 KV	1.94	221.39
66KV Aral	66 KV	3.27	373.22
66KV Attarsumba	66 KV	7.33	837.35
66KV Balasinor	66 KV	3.99	456.19
66KV Bhailikui	66 KV	6.91	789.81
66KV Chaklashi	66 KV	1.49	169.77
66KV Changa	66 KV	10.59	1210.23
66KV Chetarsumba	66 KV	3.55	406.10
66KV Dabhan	66 KV	8.35	954.81

66KV Demai	66 KV	6.85	782.86
66KV Jinger	66 KV	3.57	408.04
66KV Jorapura	66 KV	3.85	440.13
66KV Kamla	66 KV	7.88	900.64
66KV Kapadwanj	66 KV	21.05	2406.57
66KV Kathlal	66 KV	6.28	717.96
66KV Khalal	66 KV	2.37	271.12
66KV Kheda	66 KV	5.56	635.71
66KV Limbasi	66 KV	4.95	566.05
66KV Mahilav	66 KV	15.15	1731.70
66KV Mahudha	66 KV	4.06	464.35
66KV Malarpura	66 KV	4.01	458.30
66KV Malitadi	66 KV	6.50	743.51
66KV Matar	66 KV	5.18	592.44
66KV Nenpur	66 KV	5.08	580.49
66KV Nirmali	66 KV	7.66	875.74
66KV Palaiya	66 KV	2.65	302.94
66KV Pandva	66 KV	4.70	536.94
66KV Rakhiyal	66 KV	4.67	533.86
66KV Reliya	66 KV	7.16	818.57
66KV Rozva	66 KV	3.32	379.95
66KV Samarkha	66 KV	1.39	158.68
66KV Sevalia	66 KV	3.02	344.76
66KV Thasra	66 KV	3.15	360.10
66KV Torna	66 KV	5.24	598.46
66KV Umreth	66 KV	4.18	477.74
66KV Uttarsanda	66 KV	4.02	459.69
66KV Vadad	66 KV	2.92	334.29
66KV Vanthvadi	66 KV	3.88	443.42
66KV Varsola	66 KV	4.92	562.26
66KV Vaso	66 KV	9.10	1039.62
66KV Vyas Vasna	66 KV	5.35	611.02

**DIVISION : Narol**

**SUBSTATION                      VOLTAGE                      FAULT CURRENT (kA)      FAULT MVA (fMVA)**

132KV Narol	132 KV	14.98	3424.37
132KV Narol	66 KV	13.67	1562.67
220KV Barejadi	220 KV	21.12	8047.41
220KV Bhat	220 KV	20.56	7834.57
220KV Bhat	66 KV	35.14	4017.27
220KV Salejada	220 KV	16.05	6116.41
220KV Salejada	66 KV	18.47	2111.37
220KV Sanand	66 KV	5.94	678.64
66KV Barejadi	66 KV	9.31	1064.74
66KV Bavla	66 KV	10.23	1169.62
66KV Bidaj	66 KV	4.37	499.03
66KV Bilasiya	66 KV	3.26	373.08
66KV Bol	66 KV	7.59	867.78
66KV Changodar	66 KV	15.12	1728.29
66KV Dholka City	66 KV	13.16	1503.73
66KV Dholka GIDC	66 KV	1.77	201.74
66KV Dudhaka	66 KV	3.61	412.32
66KV Haldarwas	66 KV	2.60	296.78
66KV Hariyala	66 KV	2.80	319.64
66KV Hirapur	66 KV	5.39	615.57
66KV Ingoli Road	66 KV	4.15	473.98
66KV Jetalpur	66 KV	3.18	363.40
66KV Juval Rupavati	66 KV	10.64	1216.15
66KV Kalyangadh	66 KV	2.97	339.13
66KV Kamod	66 KV	7.63	872.23
66KV Kerala	66 KV	10.44	1193.05
66KV Kesardi	66 KV	4.61	527.28
66KV Koth	66 KV	4.15	473.84
66KV Madhavnagar	66 KV	10.22	1168.20
66KV Moraiya	66 KV	16.28	1860.72
66KV Nani Devti	66 KV	11.03	1261.26
66KV Naranpura	66 KV	6.22	711.34
66KV Navagam	66 KV	2.36	269.16
66KV Pathapur	66 KV	1.66	189.62

66KV Pisavada	66 KV	4.18	478.10
66KV Raipur	66 KV	2.76	315.74
66KV Rajoda	66 KV	11.49	1313.24
66KV Samadara	66 KV	4.03	460.87
66KV Sanand	66 KV	30.93	3535.90
66KV Sanathal	66 KV	17.70	2023.27
66KV Sarkhej	66 KV	13.35	1525.95
66KV Shetra	66 KV	2.14	244.62
66KV Simej	66 KV	3.77	430.77
66KV Thuleta	66 KV	8.36	955.57
66KV Valthera	66 KV	5.54	633.01
66KV Vinzol	66 KV	4.89	558.55
66KV Vishalpur	66 KV	14.53	1661.14
66KV Zamp	66 KV	3.64	416.34

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**DIVISION : Ranasan**

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<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Chandkheda	132 KV	20.74	4741.24
132KV Chiloda	132 KV	13.33	3048.19
132KV Chiloda	66 KV	12.14	1388.19
132KV Sabarmati	132 KV	25.45	5817.52
132KV Sabarmati	66 KV	14.78	1690.03
220KV Khanpur	220 KV	21.94	8361.73
220KV Khanpur	66 KV	22.33	2552.75
220KV Ranasan	220 KV	36.89	14055.13
220KV Ranasan	132 KV	32.63	7459.20
220KV Ranasan	66 KV	19.54	2233.83
66KV Bahial	66 KV	2.96	337.74
66KV Bhadaj	66 KV	8.46	966.94
66KV Bhat	66 KV	15.23	1741.17
66KV Bhuvaldi	66 KV	3.03	346.04
66KV Bopal	66 KV	11.67	1333.64
66KV Chandkheda	66 KV	14.37	1643.07
66KV Chhala	66 KV	4.56	520.69
66KV Chiskari	66 KV	6.01	687.21

66KV Dabhoda	66 KV	4.51	515.22
66KV Dehgam	66 KV	9.93	1135.17
66KV Gallops	66 KV	10.47	1196.69
66KV Godrej	66 KV	9.45	1079.83
66KV Halisa	66 KV	9.90	1131.62
66KV Kadadara	66 KV	6.11	698.62
66KV Kadjodra	66 KV	8.82	1008.34
66KV Kanbha	66 KV	3.86	440.95
66KV Kathwada	66 KV	4.72	539.70
66KV Kudasan	66 KV	13.36	1527.14
66KV Kuha	66 KV	1.79	204.93
66KV Muthiya	66 KV	14.44	1650.80
66KV Naroda	66 KV	5.27	602.41
66KV Odhav	66 KV	4.02	459.08
66KV Rakhial	66 KV	17.79	2033.12
66KV Sadra	66 KV	7.84	895.82
66KV Sahpur	66 KV	10.51	1201.72
66KV Science City	66 KV	8.72	997.01
66KV Solankipura	66 KV	4.33	495.32
66KV Tragad	66 KV	9.45	1080.45
66KV Vehlal	66 KV	4.16	475.57

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (e) Mehsana**

**DIVISION : Chhatral**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
220KV Chhatral	220 KV	25.22	9611.06
220KV Chhatral	66 KV	27.95	3194.88
66KV Adalaj	66 KV	9.70	1108.68
66KV Borisana	66 KV	19.02	2174.20
66KV Dhanot	66 KV	12.35	1412.00
66KV GIDC-Chh	66 KV	14.94	1707.44
66KV Kadi	66 KV	10.85	1240.76
66KV Kalol	66 KV	10.65	1217.02
66KV Karannagar	66 KV	14.57	1665.02
66KV Katosan	66 KV	4.82	551.44
66KV Khatraj	66 KV	9.03	1031.91
66KV Laxmipura	66 KV	5.77	659.90
66KV Meda Adraj	66 KV	19.86	2270.38
66KV Medha	66 KV	4.61	527.21
66KV Moti Bhoyan	66 KV	9.89	1129.99
66KV Nandasan	66 KV	4.96	566.64
66KV Rajpur	66 KV	5.90	674.30
66KV Rangpurda	66 KV	14.13	1615.48
66KV Sadra	66 KV	5.68	649.78
66KV Santej	66 KV	9.47	1082.43
66KV Sargasan	66 KV	5.67	647.74
66KV Suraj	66 KV	5.09	581.40
66KV Thol	66 KV	3.19	364.56
66KV Vadsar	66 KV	2.94	335.91

**DIVISION : Kheralu**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Sidhpur	132 KV	6.05	1382.07
132KV Sidhpur	66 KV	6.83	781.02
220KV Kheralu	220 KV	16.42	6256.75



220KV Kheralu	66 KV	18.06	2064.33
66KV Chhapi	66 KV	3.39	386.90
66KV Dasaj	66 KV	2.74	313.11
66KV Dharoi	66 KV	4.09	467.33
66KV Gidasan	66 KV	3.04	347.13
66KV Gorad	66 KV	2.66	304.42
66KV Kahoda	66 KV	4.10	468.22
66KV Kakoshi	66 KV	3.25	370.97
66KV Kalyana	66 KV	5.25	600.63
66KV Karli	66 KV	2.43	277.81
66KV Khali	66 KV	5.30	605.23
66KV Khanpur	66 KV	5.49	628.08
66KV Kheralu	66 KV	12.07	1379.80
66KV Khorasam	66 KV	2.70	308.44
66KV Kodram	66 KV	8.07	922.98
66KV Mandali	66 KV	4.86	555.85
66KV Mudana	66 KV	3.34	381.17
66KV Navasudasana	66 KV	4.29	489.84
66KV Otalpur	66 KV	3.87	442.32
66KV Pilucha	66 KV	4.18	477.96
66KV Rasalpur	66 KV	9.07	1037.19
66KV Sakari	66 KV	8.41	960.89
66KV Satlasana	66 KV	4.80	548.87
66KV Sujanpur	66 KV	4.34	495.88
66KV Tundav	66 KV	3.06	349.36
66KV Umta	66 KV	3.89	444.82
66KV Unava	66 KV	1.85	211.95
66KV Undhai	66 KV	4.51	515.35
66KV Unjha	66 KV	2.44	278.71
66KV Vadnagar	66 KV	5.73	654.68
66KV Varetha	66 KV	5.30	605.49

**DIVISION : Mehsana**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Bechraji	220 KV	11.40	4342.63

220KV Becharaji	66 KV	8.92	1020.03
220KV Mehsana	220 KV	24.59	9369.97
220KV Mehsana	132 KV	15.58	3562.05
220KV Mehsana	66 KV	12.51	1430.16
220KV Mitha	220 KV	23.47	8942.49
220KV Mitha	66 KV	18.65	2132.39
66KV Asjol	66 KV	6.31	720.95
66KV Balol	66 KV	6.73	769.57
66KV Basna	66 KV	5.83	666.15
66KV Becharaji	66 KV	9.33	1066.05
66KV Bhandu	66 KV	3.93	449.73
66KV Dhinoj	66 KV	4.74	542.16
66KV Endla	66 KV	3.21	367.19
66KV Hansalpur	66 KV	6.50	743.08
66KV Jotana	66 KV	9.24	1055.72
66KV Kherva	66 KV	3.21	366.64
66KV Linch	66 KV	3.50	399.48
66KV Mandali	66 KV	2.39	272.74
66KV Maniyari	66 KV	6.51	744.52
66KV Modhera	66 KV	8.60	982.87
66KV Motap	66 KV	5.32	608.08
66KV Mudarda	66 KV	3.79	433.55
66KV Nagalpur	66 KV	7.43	849.82
66KV Palavasna	66 KV	6.01	686.83
66KV Udalpur	66 KV	2.75	314.81

**DIVISION : Patan**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Patan	132 KV	7.20	1646.67
132KV Patan	66 KV	10.82	1236.94
220KV Sankhari	220 KV	20.71	7890.26
220KV Sankhari	66 KV	19.14	2188.39
400KV Veloda	400 KV	14.28	9894.94
66KV Adiya	66 KV	5.29	604.87
66KV Anawada	66 KV	6.10	696.94

66KV Anganwada	66 KV	4.07	465.32
66KV Balisana	66 KV	1.86	212.36
66KV Bhadrada	66 KV	2.40	274.84
66KV Chanasma	66 KV	12.73	1455.32
66KV Devpura	66 KV	3.05	348.33
66KV Dunawada	66 KV	4.11	469.25
66KV Harij	66 KV	4.85	554.67
66KV Kamboi	66 KV	12.98	1484.05
66KV Kamliwada	66 KV	2.84	324.13
66KV Kansa	66 KV	12.61	1441.64
66KV Katra	66 KV	4.28	489.14
66KV Keshni	66 KV	5.68	649.77
66KV Kimbuva	66 KV	4.83	552.12
66KV Manund	66 KV	2.61	298.07
66KV Mesar	66 KV	8.93	1020.31
66KV Mujpur	66 KV	2.70	308.09
66KV Nani Chandur	66 KV	2.12	241.87
66KV Norta	66 KV	5.25	600.16
66KV Rajpur	66 KV	7.74	885.23
66KV Sami	66 KV	4.22	482.62
66KV Sampra	66 KV	12.13	1386.38
66KV S'wer	66 KV	2.43	277.74

**DIVISION : Vadavi**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
400KV Vadavi	400 KV	31.46	21791.77
400KV Vadavi	220 KV	33.02	12579.99
400KV Vadavi	66 KV	34.96	3995.76

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (f) Palanpur**

**DIVISION : Deesa**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Deesa	132 KV	3.44	785.34
132KV Deesa	66 KV	6.24	713.11
220KV Agathala	220 KV	11.35	4323.51
220KV Agathala	66 KV	21.41	2447.23
220KV Jangral	220 KV	23.01	8767.58
220KV Jangral	66 KV	23.65	2703.11
66KV Aghathala	66 KV	18.11	2069.94
66KV Aseda	66 KV	6.88	786.32
66KV Baiwada	66 KV	10.32	1179.75
66KV Balodhar	66 KV	3.27	373.54
66KV Bhatsan	66 KV	3.10	353.91
66KV Bhiladi	66 KV	3.74	427.49
66KV Dama	66 KV	8.01	915.08
66KV Devsari	66 KV	3.50	400.49
66KV Dharusan	66 KV	7.38	843.43
66KV Ghada	66 KV	6.29	719.06
66KV Jangral	66 KV	20.74	2370.29
66KV Juna Deesa	66 KV	3.64	415.62
66KV Kant	66 KV	3.72	425.53
66KV Lorwada	66 KV	6.07	694.12
66KV Manekpura	66 KV	2.56	292.61
66KV Mota Kapara	66 KV	3.43	391.65
66KV Pechhdal	66 KV	4.96	566.51
66KV Raner	66 KV	16.70	1909.49
66KV Ranpur	66 KV	2.65	302.57
66KV Rasana	66 KV	4.78	546.41
66KV Sadarpur	66 KV	3.37	384.61
66KV Samau	66 KV	5.15	588.70
66KV Samdhi	66 KV	4.99	569.99

66KV Shamsherpura	66 KV	10.26	1173.04
66KV Shergadh	66 KV	2.31	263.57
66KV Soni	66 KV	2.01	229.44
66KV Vithodar	66 KV	7.49	856.09

**DIVISION : Deodar**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Charanka	220 KV	10.72	4084.42
220KV Charanka	66 KV	26.44	3022.31
220KV Deodar	220 KV	14.71	5605.34
220KV Deodar	66 KV	20.84	2382.04
220KV Radhanpur	220 KV	11.61	4425.17
220KV Radhanpur	66 KV	16.42	1877.38
400KV Charanka	400 KV	8.30	5749.86
400KV Veloda	220 KV	22.27	8484.72
400KV Veloda	66 KV	26.22	2997.44
66KV Arniwada	66 KV	2.99	342.22
66KV Bamroli	66 KV	4.07	465.13
66KV Bandhavad	66 KV	3.24	370.74
66KV Chamanpura	66 KV	6.75	771.44
66KV Charanka	66 KV	19.65	2246.67
66KV Dahisar	66 KV	16.39	1873.69
66KV Deodar	66 KV	8.16	933.06
66KV Dungrasan	66 KV	7.56	863.86
66KV Jakhel	66 KV	1.99	227.84
66KV Jalmor	66 KV	7.54	861.58
66KV Jasanwada	66 KV	5.92	676.14
66KV Kamboi	66 KV	11.09	1268.00
66KV Khariya	66 KV	2.97	339.08
66KV Khimana	66 KV	8.92	1019.95
66KV Khoda	66 KV	8.49	970.92
66KV Mitha	66 KV	2.60	297.10
66KV Padardi	66 KV	6.57	751.44
66KV Radhanpur	66 KV	6.16	704.56
66KV Raiya	66 KV	6.64	759.22

66KV Ramvas	66 KV	4.89	558.79
66KV Ravel	66 KV	8.52	973.91
66KV Santalpur	66 KV	7.85	897.01
66KV Shihori	66 KV	9.62	1100.11
66KV Terwada	66 KV	6.44	735.87
66KV Thara	66 KV	9.18	1049.74
66KV Umbari	66 KV	8.82	1008.54
66KV Un	66 KV	6.59	753.18
66KV Varahi	66 KV	4.11	469.65

**DIVISION : Dhanera**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
220KV Thavar	220 KV	14.90	5678.51
220KV Thavar	66 KV	22.70	2594.80
66KV Asodar	66 KV	3.39	387.62
66KV Bhatib	66 KV	4.29	490.67
66KV Chekra	66 KV	6.38	729.65
66KV Dhanera	66 KV	15.62	1785.30
66KV Dharnodhar	66 KV	3.16	360.72
66KV Duva	66 KV	4.08	466.29
66KV Ghodasar	66 KV	2.60	297.66
66KV Jadiya	66 KV	6.71	766.94
66KV Jadiyali	66 KV	3.85	440.45
66KV Khimat	66 KV	6.41	733.06
66KV Kotada(D)	66 KV	3.45	394.64
66KV Kuvarla	66 KV	1.96	224.55
66KV Lavana	66 KV	3.01	343.87
66KV Lawara	66 KV	3.81	435.58
66KV Malotra	66 KV	9.04	1032.84
66KV Nagfana	66 KV	6.94	793.43
66KV Nanameda	66 KV	5.78	660.41
66KV Nandala	66 KV	2.88	329.46
66KV Nanuda	66 KV	5.15	588.09
66KV Panthawada	66 KV	5.36	613.04
66KV Rah	66 KV	3.52	401.92

66KV Ramun	66 KV	3.76	429.56
66KV Samarwada	66 KV	8.52	974.33
66KV Sherpura	66 KV	10.05	1148.68
66KV Shiya	66 KV	6.06	692.61
66KV Taruva	66 KV	3.99	455.62
66KV Vaktapura	66 KV	4.43	506.71
66KV Voda	66 KV	6.63	757.52
66KV Zerada	66 KV	18.49	2113.08

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**DIVISION : Kansari**

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SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
400KV Kansari	400 KV	21.20	14684.06
400KV Kansari	220 KV	23.82	9077.75
400KV Kansari	66 KV	22.63	2586.69

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**DIVISION : Palanpur**

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SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Palanpur	220 KV	14.66	5587.43
220KV Palanpur	66 KV	18.02	2059.37
66KV Ambaji	66 KV	2.19	250.35
66KV Amirgadh	66 KV	2.40	274.51
66KV Basu	66 KV	2.87	327.73
66KV Bhakhar	66 KV	3.63	415.21
66KV Bhayla	66 KV	1.68	191.87
66KV Bhutedi	66 KV	6.72	768.02
66KV Chandisar	66 KV	5.09	581.49
66KV Danta	66 KV	1.24	141.66
66KV Dantiwada	66 KV	3.99	456.21
66KV Gadawada	66 KV	1.75	200.15
66KV Gadh	66 KV	5.15	588.70
66KV Gangava	66 KV	1.60	182.56
66KV Habatpur	66 KV	7.75	885.81
66KV Iqbalgadh	66 KV	3.11	355.99
66KV Jalotra	66 KV	5.17	591.14
66KV Jegol	66 KV	2.56	293.10
66KV Kanodar	66 KV	2.06	235.65

66KV Lalavada	66 KV	7.03	804.03
66KV Malan	66 KV	5.18	591.55
66KV Moriya	66 KV	4.69	535.89
66KV Palanpur-1	66 KV	10.20	1166.44
66KV Palanpur-2	66 KV	16.95	1937.73
66KV Panchada	66 KV	5.28	603.07
66KV Sukhpura	66 KV	4.70	537.29
66KV Vadgam	66 KV	4.57	522.26
66KV Vasan	66 KV	3.59	410.27
66KV Virampur	66 KV	1.99	227.63

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**DIVISION : Tharad**

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SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Tharad	220 KV	14.05	5353.07
220KV Tharad	66 KV	16.20	1851.51
66KV Balodhan	66 KV	1.85	211.32
66KV Bhabhar	66 KV	1.21	138.31
66KV Bhoradu	66 KV	5.24	598.62
66KV Del	66 KV	5.98	683.70
66KV Didarda	66 KV	3.38	386.03
66KV Dudhava	66 KV	4.99	570.86
66KV Jalota	66 KV	7.74	884.61
66KV Jaloya	66 KV	2.29	261.90
66KV Jetda	66 KV	4.74	541.88
66KV Kesargam	66 KV	2.86	327.11
66KV Kotarwada	66 KV	2.84	324.83
66KV Kotda (F)	66 KV	6.44	735.56
66KV Kuvana	66 KV	2.76	315.26
66KV Lakhani	66 KV	13.48	1541.38
66KV Makhanu	66 KV	3.64	416.16
66KV Mera	66 KV	1.60	182.97
66KV Mithi Paladi	66 KV	2.85	326.05
66KV Miyal	66 KV	2.84	325.07
66KV Pathamada	66 KV	3.33	380.15
66KV Piluda	66 KV	2.95	336.93



66KV Rampura	66 KV	2.44	278.62
66KV Rantila	66 KV	5.33	608.91
66KV Runi	66 KV	1.77	202.66
66KV Tadav	66 KV	3.12	356.03
66KV Tharad	66 KV	13.25	1514.34
66KV Tithgam	66 KV	3.88	443.15
66KV Vadiya	66 KV	2.32	265.11
66KV Vatam	66 KV	3.88	443.11
66KV Wav	66 KV	3.20	366.26

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (g) Himatnagar**

**DIVISION : Agiyol**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
220KV Agiyol	220 KV	17.69	6742.14
220KV Agiyol	132 KV	11.58	2646.75
220KV Agiyol	66 KV	17.11	1956.29
66KV Amodara	66 KV	4.22	482.02
66KV Chandarani	66 KV	2.56	292.79
66KV Dalpur	66 KV	4.66	532.83
66KV Dedhrota	66 KV	5.59	638.59
66KV Gadhi	66 KV	3.74	427.76
66KV Gadhoda	66 KV	3.44	393.49
66KV Gambhoi	66 KV	5.05	577.06
66KV Hajipur	66 KV	4.76	543.91
66KV Hansalpur	66 KV	5.85	668.81
66KV Hmt-I	66 KV	7.34	839.38
66KV Hmt-II	66 KV	7.47	853.56
66KV Kalidungri	66 KV	1.68	191.53
66KV Kaniyol	66 KV	4.43	506.74
66KV Medhasan	66 KV	6.62	756.56
66KV Munpur	66 KV	5.11	584.04
66KV Nikoda	66 KV	9.07	1036.86
66KV Prantij	66 KV	4.30	491.91
66KV Ranasan	66 KV	10.78	1232.14
66KV Rupal	66 KV	5.03	574.81
66KV Sonasan	66 KV	3.66	418.46
66KV Tajpur	66 KV	3.38	386.80

**DIVISION : Dhansura**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Talod	132 KV	13.16	3009.06
132KV Talod	66 KV	17.81	2035.39
220KV Dhansura	220 KV	17.79	6777.57

220KV Dhansura	66 KV	25.75	2943.64
220KV Faredi	220 KV	12.75	4858.82
220KV Faredi	66 KV	16.05	1834.96
66KV Akrund	66 KV	6.53	746.26
66KV Ambliyara	66 KV	4.98	568.86
66KV Aniyol	66 KV	7.49	855.97
66KV Bayad	66 KV	10.26	1172.97
66KV Bayal(D)	66 KV	6.03	689.30
66KV D' Muuvadi	66 KV	3.27	373.76
66KV Debhari	66 KV	2.23	254.63
66KV Dugarvada	66 KV	10.94	1250.18
66KV Gabat	66 KV	5.99	684.26
66KV Harsol	66 KV	3.12	356.88
66KV Helodar	66 KV	4.98	568.67
66KV Indran	66 KV	2.77	316.97
66KV Kasana	66 KV	1.49	169.79
66KV Khadol	66 KV	8.33	952.12
66KV Kharadi	66 KV	1.84	210.65
66KV Limbodara	66 KV	3.38	386.52
66KV Malpur	66 KV	7.78	889.08
66KV Megharaj	66 KV	3.18	363.58
66KV Modasa	66 KV	13.88	1586.85
66KV Nani Isrol	66 KV	1.21	138.59
66KV Parabada	66 KV	5.85	668.40
66KV Punsari	66 KV	4.89	558.62
66KV Ramgadhi	66 KV	2.80	319.63
66KV Raygadh	66 KV	4.52	516.95
66KV Rellawada	66 KV	1.93	220.55
66KV Rozad	66 KV	4.61	526.39
66KV Salaiya	66 KV	3.05	349.16
66KV Sathamba	66 KV	7.07	807.90
66KV Shinawad	66 KV	7.95	908.62
66KV Taalod	66 KV	5.00	571.69
66KV Tintoi	66 KV	1.39	158.32

66KV Ujediya	66 KV	14.92	1705.11
66KV Untarda	66 KV	2.75	314.25
66KV Vadagam	66 KV	9.85	1125.99
66KV Vasnirel	66 KV	8.85	1011.90
66KV Virpur	66 KV	4.29	490.13

**DIVISION : Idar**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Idar	132 KV	7.71	1762.19
132KV Idar	66 KV	15.98	1827.03
220KV Bhutiya	220 KV	13.76	5241.55
220KV Bhutiya	66 KV	23.59	2696.86
66KV Asal	66 KV	1.58	180.80
66KV Babsar	66 KV	2.83	322.91
66KV Badoli	66 KV	10.96	1252.35
66KV Barvav	66 KV	8.06	920.94
66KV Bhiloda	66 KV	4.24	484.81
66KV Choriwad	66 KV	10.31	1179.02
66KV Dantod	66 KV	1.44	164.92
66KV Golwada	66 KV	1.92	218.92
66KV Hingatiya	66 KV	3.28	375.25
66KV Jadar	66 KV	2.08	237.71
66KV Khedbrahma	66 KV	5.51	629.42
66KV Kisangadh	66 KV	3.49	399.15
66KV Kundala	66 KV	3.63	414.66
66KV Lai-Ranasan	66 KV	7.62	871.56
66KV Lusadia	66 KV	1.55	176.57
66KV Mau	66 KV	3.16	361.44
66KV M'champa	66 KV	2.54	290.81
66KV Mota Kotda (H)	66 KV	3.76	429.73
66KV Navagam	66 KV	1.72	196.12
66KV Netramani	66 KV	2.74	313.37
66KV Palla	66 KV	2.25	257.17
66KV Panol	66 KV	13.17	1504.94
66KV Poshina	66 KV	1.53	175.17

66KV Sundarpur	66 KV	3.68	420.40
66KV Tandaliya	66 KV	3.44	393.49
66KV Torda	66 KV	2.43	277.17
66KV Ubsal	66 KV	1.85	211.27
66KV Vadali	66 KV	6.87	784.81
66KV Vartol	66 KV	4.90	560.33
66KV Vasai	66 KV	2.62	299.60
66KV Vasai (M)	66 KV	3.21	366.75
66KV Vijaynagar	66 KV	1.08	123.37

**DIVISION : Jamla**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Jamla	220 KV	37.81	14407.03
220KV Jamla	66 KV	24.68	2820.89
66KV Aakhaj	66 KV	3.30	377.22
66KV Boru	66 KV	9.11	1041.87
66KV GIDC Goz	66 KV	5.53	632.53
66KV Itala	66 KV	8.67	991.20
66KV Karjisan	66 KV	7.67	877.28
66KV Langhanaj	66 KV	4.59	524.36
66KV Lodra	66 KV	5.67	648.54
66KV Manekpur	66 KV	6.14	702.12
66KV Mansa	66 KV	11.48	1311.97
66KV Motiadrjaj	66 KV	3.04	347.64
66KV Nardipur	66 KV	13.22	1510.59
66KV Pansar	66 KV	6.35	726.03
66KV Randheja	66 KV	4.59	524.36
66KV Soja	66 KV	12.10	1382.85
66KV Unava	66 KV	4.06	463.66
66KV Veda	66 KV	17.52	2002.96

**DIVISION : Soja**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
400KV Soja	400 KV	23.87	16533.77
400KV Soja	220 KV	41.41	15779.45

**DIVISION : Vijapur**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Visnagar	132 KV	7.72	1763.83
132KV Visnagar	66 KV	8.96	1023.97
220KV Vijapur	220 KV	19.98	7611.89
220KV Vijapur	132 KV	5.47	1249.69
220KV Vijapur	66 KV	19.69	2251.20
66KV Bhalak	66 KV	4.72	539.55
66KV Charada	66 KV	4.30	491.25
66KV Gothava	66 KV	4.31	492.61
66KV Gozaria	66 KV	7.62	871.33
66KV Hirpura	66 KV	4.05	463.48
66KV Jantral	66 KV	4.18	478.02
66KV Kada	66 KV	1.85	210.90
66KV Ladol	66 KV	2.68	306.37
66KV Malosan	66 KV	7.15	817.27
66KV Meu	66 KV	3.94	449.97
66KV Pilvai	66 KV	9.83	1123.51
66KV Ranasan	66 KV	8.44	965.23
66KV Sundarpur	66 KV	3.55	405.88
66KV Tatosan	66 KV	7.01	801.29
66KV Techava	66 KV	2.96	338.18
66KV Thalota	66 KV	2.78	317.59
66KV Vadasan	66 KV	4.33	495.35
66KV Valam	66 KV	2.47	282.78
66KV Vihar	66 KV	4.83	551.82

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (h) Surendranagar**

**DIVISION : Dhrangadhra**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
220KV Charadva	220 KV	14.61	5567.72
220KV Charadva	66 KV	20.29	2318.80
220KV Dhrangadhra	220 KV	15.47	5894.25
220KV Dhrangadhra	66 KV	25.15	2875.36
220KV Halwad	220 KV	18.06	6879.93
220KV Halwad	66 KV	20.44	2336.58
66KV Baisabgadh	66 KV	7.61	870.07
66KV Bavli	66 KV	6.68	763.49
66KV Bhalgamda	66 KV	5.60	639.53
66KV Chandragadh	66 KV	7.62	871.12
66KV Charadava	66 KV	18.27	2088.23
66KV Chuli	66 KV	6.22	710.63
66KV Chupani	66 KV	12.47	1425.46
66KV Devaliya	66 KV	4.81	550.12
66KV Dhavana	66 KV	6.56	750.10
66KV Dhrangadhra	66 KV	7.62	870.63
66KV Dighadiya	66 KV	4.75	542.58
66KV Ghanshyamgadh	66 KV	9.03	1031.84
66KV Ghanshyampur	66 KV	8.10	926.44
66KV Gurukul	66 KV	2.72	310.90
66KV Halvad-2	66 KV	16.94	1936.10
66KV Halwad-1	66 KV	18.24	2084.91
66KV Ishwarnagar	66 KV	7.52	859.42
66KV Kankawati	66 KV	3.91	446.48
66KV Kavadiya	66 KV	6.27	716.55
66KV Kondh	66 KV	6.58	751.96
66KV Malaniyad	66 KV	4.99	570.74
66KV Mathak	66 KV	14.97	1710.96
66KV Mayurnagar	66 KV	3.47	397.03

66KV Methan	66 KV	3.91	446.48
66KV Narali	66 KV	4.60	525.85
66KV Narichana	66 KV	7.83	895.54
66KV Raigadh	66 KV	6.80	777.06
66KV Rampara	66 KV	6.32	722.43
66KV Ranekpar	66 KV	9.03	1031.84
66KV Ranmalpur	66 KV	3.44	393.71
66KV Ratanpar	66 KV	3.48	397.68
66KV Sara	66 KV	4.51	515.24
66KV Sarambhada	66 KV	8.98	1026.55
66KV Soladi	66 KV	3.30	376.98
66KV Tarnetar	66 KV	1.59	181.51
66KV Than-2	66 KV	1.90	217.11
66KV Vavdi	66 KV	6.53	746.68
66KV Virpar	66 KV	3.50	399.61

**DIVISION : Halvad**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
400KV Halvad	400 KV	14.98	10380.48
400KV Halvad	220 KV	18.96	7225.67
400KV Halvad	66 KV	12.30	1405.53

**DIVISION : Limbdi**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Dhandhuka	132 KV	8.37	1912.93
132KV Dhandhuka	66 KV	5.72	654.31
132KV Sitagadh	132 KV	5.07	1159.52
132KV Vakhatpar	132 KV	5.09	1164.06
220KV Dudhrej (O/S)	220 KV	11.78	4489.01
220KV Limbdi	220 KV	28.66	10922.30
220KV Limbdi	132 KV	16.49	3770.67
220KV Limbdi	66 KV	14.91	1704.84
220KV Rajpar (O/S)	220 KV	12.29	4682.66
220KV Sadla (Sarla)	220 KV	6.07	2314.45
220KV Sadla (Sarla)	66 KV	12.33	1409.00
400KV Chorania	400 KV	34.48	23889.46



400KV Chorania	220 KV	32.55	12401.34
66KV Alampar	66 KV	4.10	468.81
66KV Chachaka	66 KV	1.82	208.18
66KV Chandarava	66 KV	3.51	401.59
66KV Chhasiya	66 KV	2.32	265.68
66KV Chuda	66 KV	4.18	478.18
66KV Devpara	66 KV	1.67	190.39
66KV Dhandhalpur	66 KV	1.35	154.06
66KV Dholera (O/S)	66 KV	1.86	213.01
66KV Dholiya (O/S)	66 KV	2.77	316.25
66KV Digsar (O/S)	66 KV	6.46	738.43
66KV Dudhrej	66 KV	5.25	599.61
66KV Hirapar	66 KV	2.97	338.95
66KV Ishadra	66 KV	5.71	653.18
66KV Khandia	66 KV	5.80	662.81
66KV Kherali	66 KV	3.56	406.92
66KV Khodu	66 KV	11.53	1317.84
66KV Kuntalpur (O/S)	66 KV	10.87	1242.78
66KV Lakhanka	66 KV	1.71	195.54
66KV Liya	66 KV	4.51	515.53
66KV Moti Vavdi (O/S)	66 KV	5.35	611.96
66KV Muli	66 KV	1.59	181.53
66KV Nagdaka	66 KV	2.63	300.11
66KV Nagra	66 KV	6.83	780.34
66KV Navalgadh	66 KV	6.76	772.29
66KV Panshina (O/S)	66 KV	2.91	332.72
66KV Rajpara	66 KV	3.34	382.31
66KV Rajsitapur	66 KV	3.58	409.37
66KV Ranpur	66 KV	4.30	491.77
66KV Sadla	66 KV	11.11	1269.91
66KV Sayla	66 KV	1.95	222.56
66KV Sitagadh	66 KV	3.60	411.05
66KV Sudamda	66 KV	1.91	218.54
66KV Surendranagar	66 KV	6.46	738.20

66KV Tuva	66 KV	2.81	320.73
66KV Umarda (O/S)	66 KV	2.10	239.43
66KV Vadhadra	66 KV	4.42	504.72
66KV Vastadi (O/S)	66 KV	2.69	307.40
66KV Wadhwan	66 KV	4.59	524.58

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**DIVISION : Viramgam**

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SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Adalsar (GETCO-O/S)	220 KV	14.37	5473.94
220KV Bala (GETCO-O/S)	220 KV	17.45	6649.41
220KV Dhanki (GETCO-O/S)	220 KV	16.08	6127.87
220KV Dhanki GWIL	220 KV	15.22	5797.37
220KV Dhanki GWIL	66 KV	5.49	627.93
220KV Viramgam	220 KV	20.50	7809.48
220KV Viramgam	66 KV	31.98	3655.60
66KV Bol-2	66 KV	7.14	815.81
66KV Chharodi	66 KV	20.91	2390.07
66KV Dhama (O/s)	66 KV	4.21	481.69
66KV Jakhwada	66 KV	11.23	1283.76
66KV Kamalpur	66 KV	3.56	407.32
66KV Kanz	66 KV	4.35	497.19
66KV Khavad	66 KV	3.12	356.51
66KV Lakhtar	66 KV	3.19	364.96
66KV Mandal	66 KV	7.18	820.20
66KV Patdi	66 KV	2.42	276.31
66KV Rojasar	66 KV	3.75	428.93
66KV Thori Mubarak	66 KV	7.07	807.71
66KV Vadgam	66 KV	5.68	649.57
66KV Vanod	66 KV	5.97	682.91
66KV Vendar Park	66 KV	11.14	1273.36
66KV Viramgam (Fulwadi)	66 KV	20.73	2369.33

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (i) Amreli**

**DIVISION : Amreli**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
400KV Amreli	400 KV	14.67	10162.62
400KV Amreli	220 KV	18.65	7105.43
400KV Amreli	66 KV	17.16	1961.15
66KV Amreli A	66 KV	4.18	477.45
66KV Amreli B	66 KV	6.05	691.44
66KV Babara	66 KV	4.06	464.36
66KV Bagasara	66 KV	2.78	317.76
66KV Bhingrad	66 KV	7.10	811.82
66KV Chalala	66 KV	7.16	818.71
66KV Charkha	66 KV	3.11	355.53
66KV Chital	66 KV	7.71	881.76
66KV Damnagar	66 KV	4.37	499.49
66KV Gariyadhar	66 KV	2.40	273.87
66KV Gavadka	66 KV	12.45	1423.37
66KV Gundaran	66 KV	1.78	202.93
66KV Hadala	66 KV	2.57	293.36
66KV Khambhala	66 KV	1.52	173.86
66KV Kotadapitha	66 KV	2.20	251.32
66KV Kukavav	66 KV	2.49	284.45
66KV Lathi	66 KV	5.68	649.61
66KV Liliya	66 KV	2.80	320.27
66KV Lunidhar	66 KV	4.78	546.50
66KV Malaviya Piparia	66 KV	6.41	732.92
66KV Mota Ankadiya	66 KV	3.43	391.79
66KV Nadala	66 KV	2.34	266.97
66KV Nava Ujala	66 KV	2.54	289.97
66KV Sarambhada	66 KV	3.66	418.71
66KV Simaran	66 KV	3.30	376.69
66KV Tori	66 KV	2.75	314.48

66KV Viridi(Gariyadhar-B)	66 KV	2.13	243.15
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**DIVISION : Dhasa**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Barwala	132 KV	5.97	1365.49
132KV Paliyad	132 KV	7.96	1820.53
132KV Paliyad	66 KV	8.52	973.64
220KV Botad	220 KV	9.00	3427.93
220KV Botad	132 KV	10.80	2469.75
220KV Botad	66 KV	13.96	1595.87
220KV Dhasa	220 KV	9.61	3660.07
220KV Dhasa	66 KV	15.93	1820.55
66KV Ambardi	66 KV	2.07	236.48
66KV Bajud	66 KV	1.57	178.95
66KV Bandhani	66 KV	2.54	290.50
66KV Barwala	66 KV	4.66	532.88
66KV Bhimdad	66 KV	2.77	316.08
66KV Botad	66 KV	4.27	488.07
66KV Botad-2	66 KV	6.34	724.41
66KV Chavand	66 KV	4.62	528.62
66KV ChavandA	66 KV	7.23	826.14
66KV Dharwada	66 KV	2.57	293.19
66KV Fulzar	66 KV	2.28	260.77
66KV Gadhada	66 KV	5.57	636.45
66KV Gadhali	66 KV	5.23	597.75
66KV Hadadad	66 KV	4.54	518.58
66KV Hathasani	66 KV	2.33	266.66
66KV Jalalpur	66 KV	8.04	918.57
66KV Jambarwala	66 KV	3.91	447.37
66KV Kalatalav	66 KV	10.04	1147.32
66KV Keriya	66 KV	1.88	214.37
66KV Lakheni	66 KV	1.56	178.71
66KV Lathidad	66 KV	3.03	345.94
66KV Malapara	66 KV	4.44	506.94
66KV Mandvi	66 KV	1.53	175.11

66KV N'vadar	66 KV	1.96	223.72
66KV Ratanpar	66 KV	3.15	359.71
66KV Rojmal	66 KV	1.69	192.80
66KV Rupavati	66 KV	3.67	419.34
66KV Sanali	66 KV	2.96	338.24
66KV Sanosara	66 KV	1.80	205.99
66KV Sarangpur	66 KV	4.27	488.07
66KV Tatam	66 KV	3.27	374.31
66KV Turkha	66 KV	3.83	437.20
66KV Ujalvav	66 KV	10.53	1204.21
66KV Vichiya	66 KV	2.64	301.21

**DIVISION : Mahuva**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Otha	220 KV	12.15	4629.59
220KV Otha	66 KV	17.65	2017.98
66KV Babariyadhar	66 KV	1.44	164.16
66KV Bagdana	66 KV	2.76	315.26
66KV Belampur	66 KV	5.70	651.24
66KV Bhaguda	66 KV	4.78	546.01
66KV Datha	66 KV	4.36	497.81
66KV Devaliya	66 KV	4.28	489.13
66KV Dihor	66 KV	7.01	801.62
66KV Dudhala-2	66 KV	2.98	340.96
66KV Dungar	66 KV	3.13	357.36
66KV Kadamgiri	66 KV	1.88	215.38
66KV Kadiyali	66 KV	2.95	337.46
66KV Kalsar	66 KV	6.98	797.41
66KV Kukad	66 KV	4.12	471.24
66KV Mahuva	66 KV	6.56	749.42
66KV Manar	66 KV	3.86	440.98
66KV Mota Khutavada	66 KV	1.85	211.10
66KV Pasvi	66 KV	4.05	463.09
66KV Pithalpur	66 KV	4.17	476.88
66KV Talaja	66 KV	4.51	515.65

66KV Tarpaj	66 KV	4.50	513.90
66KV Thadach	66 KV	4.11	470.12
66KV Timana	66 KV	4.46	509.66
66KV Vadli	66 KV	6.03	689.66
66KV Vangar	66 KV	4.23	483.03

**DIVISION : S'kundla**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
220KV Savarkundla	220 KV	17.28	6584.30
220KV Savarkundla	66 KV	20.87	2385.90
66KV Amberdi	66 KV	3.10	354.50
66KV Badhada	66 KV	6.37	728.48
66KV Barpatoli	66 KV	3.09	352.87
66KV Bhader	66 KV	3.57	407.59
66KV Dalkhaniya	66 KV	3.18	363.43
66KV Dedan	66 KV	3.02	345.04
66KV Devala	66 KV	2.39	272.97
66KV Dhari	66 KV	3.49	398.53
66KV Dudhala	66 KV	1.64	187.54
66KV Gadhkada	66 KV	4.11	469.26
66KV Hathasani	66 KV	7.01	801.47
66KV Hudli	66 KV	4.38	500.29
66KV Jafarabad	66 KV	1.61	184.45
66KV Jesar	66 KV	1.78	203.40
66KV Kagdadi (Amreli)	66 KV	2.90	330.89
66KV Khambha	66 KV	3.48	397.29
66KV Kubada	66 KV	3.36	384.02
66KV Malsika	66 KV	2.97	339.83
66KV Mota Agariya	66 KV	3.50	399.47
66KV Mota Braman	66 KV	2.95	336.78
66KV Nagadhra	66 KV	3.23	368.74
66KV Rabarika	66 KV	3.00	343.24
66KV Rajula	66 KV	3.54	404.84
66KV Samadhiyala	66 KV	3.79	432.97
66KV Savarkundla	66 KV	12.06	1378.77

66KV Tataniya	66 KV	2.92	333.80
66KV Timbi	66 KV	2.68	306.02
66KV Vanda	66 KV	3.32	379.12
66KV Vijapadi	66 KV	2.16	247.07

**DIVISION : Vartej**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Sagapara	220 KV	13.73	5230.72
220KV Sagapara	66 KV	15.24	1742.40
220KV Valbhipur	220 KV	8.14	3100.65
220KV Valbhipur	132 KV	7.53	1720.75
220KV Valbhipur	66 KV	10.25	1171.51
220KV Vartej	220 KV	9.96	3795.16
220KV Vartej	66 KV	14.84	1696.04
66KV Bhadi	66 KV	5.60	639.72
66KV Bhandariya	66 KV	2.67	305.65
66KV Bhavnagar City	66 KV	7.40	845.97
66KV Bhumbhali	66 KV	3.61	412.64
66KV Bunder Road	66 KV	2.69	307.89
66KV Chitra	66 KV	9.32	1065.78
66KV Desainagar	66 KV	8.91	1018.28
66KV Dhola	66 KV	1.98	225.95
66KV Ghanghli	66 KV	5.50	628.35
66KV Ghanghli-3	66 KV	5.46	624.04
66KV Gheti	66 KV	7.03	803.20
66KV Ghodidhal	66 KV	4.65	531.22
66KV Kharkadi	66 KV	3.60	411.24
66KV Mamsa	66 KV	6.98	797.94
66KV Mamsa-2	66 KV	6.95	794.24
66KV Mangadh	66 KV	4.21	480.65
66KV Manglana	66 KV	7.28	832.40
66KV Moti Dharai	66 KV	3.53	403.32
66KV Nari Road	66 KV	7.19	821.57
66KV Nathugadh	66 KV	4.54	519.42
66KV Navagam	66 KV	6.02	688.49

66KV Nesda	66 KV	7.25	828.25
66KV Palitana	66 KV	9.76	1115.85
66KV Palitana-B	66 KV	8.59	981.97
66KV Panvi	66 KV	2.51	286.82
66KV Sanesh	66 KV	2.44	279.11
66KV Sar	66 KV	2.12	242.72
66KV Sardarnagar	66 KV	6.38	729.08
66KV Shetrunji Dam	66 KV	4.56	521.52
66KV Sidsar	66 KV	10.26	1172.54
66KV Sihor	66 KV	3.73	426.19
66KV Sihor-2	66 KV	3.72	424.70
66KV Songadh	66 KV	3.02	345.72
66KV Tana	66 KV	5.84	667.31
66KV Tansa	66 KV	4.69	536.00



### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (j) Gondal**

**DIVISION : Gondal**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Jasdan	132 KV	5.47	1250.28
132KV Jasdan	66 KV	7.84	895.81
220KV Gondal	220 KV	13.27	5056.04
220KV Gondal	132 KV	15.99	3655.45
220KV Gondal	66 KV	15.63	1786.39
66KV Amarnagar	66 KV	3.02	345.36
66KV Anida(Vachhara)	66 KV	3.60	410.99
66KV Atkot	66 KV	4.25	486.05
66KV Bhadala	66 KV	3.51	400.94
66KV Derdi	66 KV	2.40	274.42
66KV Faldang	66 KV	4.39	501.95
66KV Gadhadiya	66 KV	5.77	659.16
66KV Gokhlana	66 KV	6.06	692.41
66KV Gomta	66 KV	3.47	396.59
66KV Gondal-li	66 KV	13.74	1570.12
66KV Hadamtala	66 KV	10.31	1177.95
66KV Jamwadi	66 KV	4.90	559.83
66KV Jivapar	66 KV	2.39	273.27
66KV K's.S	66 KV	9.21	1052.59
66KV Kamlapur	66 KV	3.62	413.25
66KV Khamba (Gondal)	66 KV	2.13	243.81
66KV Kolithad	66 KV	6.47	739.62
66KV Kotdas	66 KV	4.23	483.33
66KV Kothi	66 KV	3.60	411.26
66KV Lilakha	66 KV	3.67	419.12
66KV Lodhika	66 KV	2.92	333.86
66KV M' Devalia	66 KV	2.30	263.01
66KV Mevasa	66 KV	5.69	649.81
66KV Motadadva	66 KV	3.27	374.25

66KV Moviya	66 KV	6.59	753.21
66KV Paneli	66 KV	18.81	2150.64
66KV Raj Samadhiyala	66 KV	4.14	473.03
66KV Ramod	66 KV	2.05	234.10
66KV RoadPipaliya	66 KV	9.86	1126.50
66KV Santhali	66 KV	2.73	312.07
66KV Sardhar	66 KV	4.98	569.78
66KV Shivrajpur	66 KV	3.10	354.38
66KV Shreenathgadh	66 KV	3.49	399.33
66KV Sultanpur	66 KV	2.63	300.55
66KV Tramba	66 KV	9.42	1076.90
66KV Umrli	66 KV	5.28	603.55
66KV Vasavad	66 KV	2.40	274.85
66KV Virnagar	66 KV	4.51	515.29
66KV Virpur	66 KV	5.05	576.96

**DIVISION : Hadala**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
400KV Hadala	400 KV	19.95	13824.19
400KV Hadala	220 KV	26.84	10227.26
400KV Hadala	66 KV	29.11	3328.04

**DIVISION : Jetpur**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
400KV Jetpur	400 KV	14.62	10130.22
400KV Jetpur	220 KV	24.15	9201.62
400KV Jetpur	66 KV	20.87	2385.44

**DIVISION : Morbi**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Tankara	132 KV	5.58	1275.80
220KV Lalpar	220 KV	13.81	5261.70
220KV Lalpar	132 KV	8.67	1982.85
220KV Lalpar	66 KV	26.41	3018.70
220KV Morbi	220 KV	17.50	6667.82
220KV Morbi	66 KV	24.09	2753.86
66KV Amreli Road	66 KV	4.39	501.57

66KV Bhartnagar	66 KV	20.83	2380.90
66KV Chachapar	66 KV	3.18	363.68
66KV Dungarpur	66 KV	3.58	408.65
66KV Ghuntu Road	66 KV	16.67	1905.55
66KV Jambudia	66 KV	18.84	2153.58
66KV Jetalsar	66 KV	6.48	741.17
66KV Jetpar	66 KV	4.18	477.57
66KV Jodhpar	66 KV	4.52	516.66
66KV Kalikanagar	66 KV	13.99	1599.15
66KV Khareda	66 KV	15.04	1718.75
66KV Lajai	66 KV	6.65	759.82
66KV Lakhdirpur	66 KV	16.19	1850.56
66KV Lilapar	66 KV	3.08	352.40
66KV Mahendranagar	66 KV	15.04	1719.01
66KV Mansar	66 KV	2.59	296.11
66KV Morbi A	66 KV	10.81	1235.44
66KV Morbi B	66 KV	10.54	1204.80
66KV Mota Dahisara	66 KV	1.45	165.25
66KV Pipaliya	66 KV	1.73	197.20
66KV Piyava	66 KV	3.95	451.43
66KV Rabarika	66 KV	7.88	901.12
66KV Raffleswar	66 KV	21.73	2484.38
66KV Ravapar	66 KV	2.69	307.02
66KV Tankara	66 KV	7.42	848.43
66KV Trajpar	66 KV	19.27	2202.35
66KV Vajepar	66 KV	10.43	1192.06
66KV Vejalpar	66 KV	3.16	361.69
66KV Virpar	66 KV	6.84	782.24

**DIVISION : Rajkot**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Padavala	132 KV	6.90	1576.88
132KV Padavala	66 KV	8.78	1003.60
132KV Vajadi	132 KV	10.31	2356.12
132KV Vajadi	66 KV	9.90	1131.64

132KV Vikram	132 KV	13.91	3180.21
132KV Vikram	66 KV	27.16	3104.22
220KV Kangashiyali	220 KV	10.65	4056.60
220KV Kangashiyali	66 KV	29.01	3316.06
220KV Nyara	220 KV	21.39	8151.16
220KV Nyara	132 KV	12.88	2944.24
220KV Nyara	66 KV	27.84	3181.92
400KV Kalavad	400 KV	15.01	10397.40
400KV Kalavad	220 KV	5.31	2024.66
66KV AJI-II	66 KV	13.30	1520.18
66KV Dudhsagar	66 KV	9.94	1135.77
66KV G'swar	66 KV	19.46	2224.90
66KV Gauridad	66 KV	9.64	1101.97
66KV GIDC (Aji)	66 KV	13.44	1536.23
66KV Kagdadi	66 KV	8.87	1013.72
66KV Kankot	66 KV	4.03	460.91
66KV Kherdi	66 KV	5.10	582.51
66KV Khirasara	66 KV	5.55	633.87
66KV Khokhaddad	66 KV	10.01	1144.24
66KV Kotharia	66 KV	17.63	2015.48
66KV Kuvadva	66 KV	3.50	400.57
66KV Laxminagar	66 KV	15.70	1794.50
66KV Liyara	66 KV	3.57	408.21
66KV Mavdi Rd.	66 KV	11.34	1295.99
66KV Metoda	66 KV	8.37	956.25
66KV Metoda GIDC	66 KV	7.94	908.15
66KV Mitana	66 KV	5.36	612.39
66KV Mota khijadiya	66 KV	2.52	288.19
66KV Motamava	66 KV	10.24	1170.77
66KV Nagarpipaliya	66 KV	4.64	530.34
66KV Navagam	66 KV	12.48	1427.04
66KV Neknam	66 KV	5.87	670.50
66KV Nikava	66 KV	3.50	399.61
66KV Nilkanth	66 KV	17.21	1967.34

66KV Nyara (Stadium)	66 KV	15.78	1803.88
66KV Padadhari	66 KV	3.64	416.56
66KV Piplana (Naranka)	66 KV	4.90	559.68
66KV Popatpara	66 KV	13.16	1503.94
66KV Punitnagar	66 KV	24.16	2761.77
66KV Raiyadhar	66 KV	19.31	2207.12
66KV Sanosara	66 KV	3.41	390.05
66KV Sarvodaya	66 KV	9.51	1086.86
66KV Shapar	66 KV	19.23	2198.11
66KV Shastrimedan	66 KV	14.66	1675.85
66KV Siddheswar	66 KV	16.70	1909.10
66KV Suryarampar	66 KV	5.05	577.34
66KV Targhadi	66 KV	5.41	618.45
66KV University Road	66 KV	11.71	1338.92
66KV Vavdi	66 KV	20.41	2332.96
66KV Veraval	66 KV	14.11	1613.02
66KV Vijaynagar	66 KV	16.39	1874.04

**DIVISION : Wankaner**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Dhrol	132 KV	3.30	754.35
132KV Dhrol	66 KV	5.39	615.78
132KV Vaghasiya	132 KV	9.47	2164.56
132KV Vaghasiya	66 KV	3.52	402.11
132KV Wankaner	132 KV	9.99	2283.70
132KV Wankaner	66 KV	14.27	1631.40
220KV Sartanpar	220 KV	14.45	5505.65
220KV Sartanpar	132 KV	10.53	2406.46
220KV Sartanpar	66 KV	26.15	2989.56
66KV Amarsar	66 KV	7.71	880.83
66KV Bamanbore	66 KV	2.80	319.99
66KV Bangavadi	66 KV	4.24	484.47
66KV Bela	66 KV	10.48	1198.29
66KV Bhojapara	66 KV	7.90	903.55
66KV Chotila	66 KV	2.11	241.50

66KV Daladi	66 KV	3.82	436.17
66KV Dhrangada	66 KV	3.32	379.95
66KV Dhrol	66 KV	5.13	585.91
66KV Dhuva	66 KV	12.18	1392.25
66KV Hadmatiya	66 KV	6.40	731.12
66KV Jadeshwar	66 KV	6.31	721.38
66KV Jalida	66 KV	4.07	464.70
66KV Jamdudhai	66 KV	1.93	220.46
66KV Keshiya	66 KV	2.85	325.31
66KV Khengarka	66 KV	2.12	242.00
66KV Khilai	66 KV	2.04	233.49
66KV Khodapiper	66 KV	3.71	423.94
66KV Lakaddhar	66 KV	18.67	2133.69
66KV Lakhadhar-2	66 KV	14.31	1635.33
66KV Latipar	66 KV	3.59	409.99
66KV Limbada	66 KV	6.89	786.99
66KV Lunsar	66 KV	8.53	975.58
66KV Mahika	66 KV	5.46	623.90
66KV Matel	66 KV	15.20	1737.94
66KV Padana	66 KV	1.58	180.43
66KV Panchasar	66 KV	7.63	872.29
66KV Pipaliyaraj	66 KV	5.61	640.72
66KV Rajgadth	66 KV	19.76	2258.99
66KV Rampara (Beti)	66 KV	2.19	249.81
66KV Rangpar	66 KV	6.27	716.63
66KV Ratavirda	66 KV	16.33	1866.81
66KV Saraya	66 KV	5.19	593.00
66KV Sartanpar	66 KV	24.96	2853.71
66KV Satapar	66 KV	3.78	431.96
66KV Sidhavadar	66 KV	4.54	519.05
66KV Than	66 KV	2.14	244.02
66KV Thikariyali	66 KV	3.94	449.80
66KV Unchimandal	66 KV	11.48	1312.63



### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (k) Junagadh**

**DIVISION : Dhoraji**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Bhayavadar	132 KV	4.08	931.79
132KV Bhayavadar	66 KV	6.08	695.31
132KV Dhoraji	132 KV	5.54	1266.66
220KV Moti-Paneli	220 KV	11.92	4540.55
220KV Moti-Paneli	66 KV	13.50	1543.49
66KV Arani	66 KV	3.70	423.39
66KV Chitavad	66 KV	3.73	426.63
66KV Dhoraji Bypass	66 KV	3.56	406.42
66KV Dhrafa	66 KV	6.37	728.51
66KV Gundasari	66 KV	2.50	285.88
66KV Jam-Jodhpur	66 KV	6.84	781.80
66KV Jamkandorna	66 KV	3.68	420.99
66KV Jetpur – A	66 KV	7.40	846.32
66KV Jetpur – B	66 KV	7.07	808.14
66KV Khajurda	66 KV	3.18	363.68
66KV Kharachia	66 KV	5.79	661.25
66KV Kolki	66 KV	2.74	313.24
66KV Mandalipur	66 KV	7.55	863.31
66KV Mandasan	66 KV	5.50	628.93
66KV Moti Parbadi	66 KV	3.96	452.26
66KV Motipaneli	66 KV	13.15	1502.88
66KV Motivavdi	66 KV	2.89	330.27
66KV Padeswar	66 KV	5.04	576.01
66KV Raydi	66 KV	1.27	144.85
66KV Samana	66 KV	2.99	341.95
66KV Satapar	66 KV	3.04	347.37
66KV Satodad	66 KV	3.39	387.69
66KV Shethvadala	66 KV	4.36	498.72
66KV Supedi	66 KV	3.18	363.88



66KV Tansava	66 KV	4.04	462.09
66KV Upleta	66 KV	2.26	258.05
66KV Vanana	66 KV	4.51	516.06

**DIVISION : Junagadh**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Junagadh	132 KV	5.75	1313.92
132KV Junagadh	66 KV	8.03	917.50
220KV Shapur	220 KV	8.85	3370.91
220KV Shapur	132 KV	7.68	1755.97
220KV Shapur	66 KV	14.00	1599.93
220KV Visavadar	220 KV	13.41	5108.55
220KV Visavadar	66 KV	23.40	2674.32
66KV Adri (Sidokar)	66 KV	3.97	454.11
66KV Amrapar	66 KV	5.68	649.41
66KV ArabTimbadi	66 KV	3.80	433.98
66KV Baradiya	66 KV	2.58	295.16
66KV Bhalgam	66 KV	5.40	616.80
66KV Bhesan	66 KV	3.95	451.67
66KV Bhutdi	66 KV	15.87	1814.45
66KV Bilkha	66 KV	7.54	861.34
66KV Chanaka	66 KV	5.94	678.67
66KV Chhodavadi	66 KV	4.74	542.29
66KV Chiroda	66 KV	3.11	355.92
66KV Choki	66 KV	3.93	449.04
66KV Chuda	66 KV	3.96	452.21
66KV Devkigalol	66 KV	3.08	351.48
66KV Dharigundli	66 KV	3.75	429.08
66KV Dhebar	66 KV	13.26	1516.12
66KV Ishwariya	66 KV	8.04	919.40
66KV Junagadh GIDC	66 KV	5.43	620.99
66KV Juni Dhari Gundali	66 KV	4.88	557.53
66KV Kankachiyala	66 KV	5.32	608.32
66KV Khambhaliya	66 KV	7.57	864.96
66KV Majejadi	66 KV	4.92	562.35

66KV Mendapara	66 KV	2.02	230.72
66KV Mota Kotda	66 KV	8.10	925.65
66KV Moti Monpari	66 KV	5.67	647.60
66KV Navi Haliyad	66 KV	3.72	425.18
66KV Prabhatpur	66 KV	4.96	566.78
66KV Ratang	66 KV	4.69	535.83
66KV Shapur	66 KV	12.02	1374.41
66KV Vadala	66 KV	8.39	958.83
66KV Vadia	66 KV	3.41	389.45
66KV Vadla	66 KV	4.51	515.43
66KV Vekariya	66 KV	4.12	470.58
66KV Visavadar	66 KV	10.89	1244.81
66KV Zanzarda	66 KV	8.48	969.81

**DIVISION : Keshod**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Keshod	220 KV	8.92	3397.01
220KV Keshod	66 KV	15.31	1750.23
66KV Ajab	66 KV	4.67	534.32
66KV Amrapur	66 KV	2.62	298.91
66KV Bamanasa	66 KV	2.99	342.15
66KV Bhalka	66 KV	5.62	641.98
66KV Bhat Simoli	66 KV	6.52	744.80
66KV Budhecha	66 KV	3.22	367.55
66KV Chandkhatal	66 KV	8.07	922.83
66KV Chorvad	66 KV	5.12	585.60
66KV Chotlivi	66 KV	4.39	502.19
66KV Chuldi	66 KV	2.66	303.85
66KV GIDC Veraval	66 KV	5.97	682.71
66KV Ishara	66 KV	5.01	572.96
66KV Kadasa	66 KV	3.72	425.34
66KV Keshod	66 KV	7.94	907.07
66KV Khirsara	66 KV	2.96	338.19
66KV Koylana	66 KV	7.18	820.94
66KV Madhavpur	66 KV	2.71	309.88

66KV Malia- Hatila	66 KV	7.08	809.45
66KV Mangrol	66 KV	4.91	561.34
66KV Moraj	66 KV	7.75	885.70
66KV Moti Ghaasri	66 KV	8.76	1001.86
66KV P Patan	66 KV	6.86	784.55
66KV Ranigpara	66 KV	2.62	299.33
66KV Shil	66 KV	2.06	235.16
66KV Sutrapada	66 KV	9.17	1048.13
66KV Veraval	66 KV	7.67	876.84
66KV Virol	66 KV	4.66	532.09

**DIVISION : Kodinar**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Haripur	132 KV	5.71	1304.59
132KV Talala	132 KV	7.34	1677.96
132KV Talala	66 KV	9.26	1058.79
220KV Kansari	220 KV	13.36	5090.74
220KV Kansari	66 KV	10.90	1245.52
220KV Timbadi	220 KV	9.99	3804.94
220KV Timbadi	132 KV	7.71	1762.91
220KV Timbadi	66 KV	18.33	2094.81
66KV Adpokar	66 KV	2.54	289.93
66KV Advi	66 KV	2.13	243.29
66KV Alidar	66 KV	2.29	261.64
66KV Ankolwadi	66 KV	2.42	276.86
66KV Arnej	66 KV	7.91	904.06
66KV Bhetali	66 KV	4.87	557.03
66KV Bodidar	66 KV	3.10	354.35
66KV Dandi	66 KV	5.17	591.13
66KV Devali	66 KV	3.25	371.09
66KV Dhokadwa-1	66 KV	4.92	562.24
66KV Diu	66 KV	3.58	408.80
66KV Ghantwad	66 KV	3.54	404.93
66KV Ghusiya	66 KV	6.78	774.74
66KV Girgadhda	66 KV	2.18	248.60

66KV Gorakhmadhi	66 KV	5.95	679.94
66KV Jantrakhadi	66 KV	2.21	253.13
66KV Jashadhar	66 KV	3.86	441.46
66KV Kanjotar	66 KV	2.37	271.00
66KV Kesariya	66 KV	3.60	411.77
66KV Kodinar	66 KV	3.90	445.52
66KV Lodhava	66 KV	3.18	363.36
66KV Moradiya	66 KV	7.07	807.68
66KV Navaugla	66 KV	3.02	345.12
66KV Pranchi	66 KV	11.00	1257.90
66KV Prasnawada	66 KV	4.14	473.74
66KV Rayadi	66 KV	7.31	835.34
66KV Samter	66 KV	4.54	518.56
66KV Sindhaj	66 KV	5.01	573.11
66KV Singsar[Lodhva]	66 KV	4.54	518.72
66KV Una	66 KV	5.41	618.70
66KV Vadji (Kansari)	66 KV	7.04	804.34

**DIVISION : Manavadar**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
220KV Sardargadh	220 KV	10.77	4103.37
220KV Sardargadh	66 KV	12.44	1421.96
66KV Agatrai	66 KV	4.27	488.46
66KV Araniyala	66 KV	3.84	439.02
66KV Bantiya	66 KV	3.83	437.31
66KV Bantwa	66 KV	5.79	662.32
66KV Bhader	66 KV	2.61	298.26
66KV Kanza	66 KV	4.69	535.64
66KV Katakpara	66 KV	2.68	306.03
66KV Khodiyar	66 KV	3.09	353.72
66KV Lath	66 KV	5.56	635.27
66KV Mahiyari	66 KV	2.74	313.67
66KV Manavadar	66 KV	6.06	693.23
66KV Mandodara	66 KV	2.83	323.18
66KV Marmath	66 KV	5.30	606.32

66KV Mendarda	66 KV	3.37	384.78
66KV Moti Marad	66 KV	2.48	283.97
66KV Nanadiya	66 KV	2.22	254.15
66KV Navagam	66 KV	7.70	879.72
66KV Pajod	66 KV	6.50	743.32
66KV Patanvav	66 KV	6.79	776.49
66KV Patrama	66 KV	3.40	388.03
66KV Sanala	66 KV	1.68	191.89
66KV Sardargadh	66 KV	12.01	1372.67
66KV Sheradi	66 KV	6.34	724.54

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (I) Jamnagar**

**DIVISION : Jamnagar**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
132KV Naghedi	132 KV	11.42	2611.48
132KV Naghedi	66 KV	13.31	1520.91
220KV Jamnagar	220 KV	12.93	4926.29
220KV Jamnagar	132 KV	13.91	3179.16
220KV Jamnagar	66 KV	15.83	1809.49
66KV Aliyabala	66 KV	4.78	546.74
66KV Banugar	66 KV	3.21	367.05
66KV Bedeshwar	66 KV	11.73	1340.30
66KV Beraja	66 KV	3.34	381.46
66KV Bhadukia	66 KV	3.65	417.45
66KV Chandragadh	66 KV	2.36	269.93
66KV Chattar	66 KV	1.95	223.23
66KV Dhudashiya	66 KV	4.66	532.64
66KV GIDC-3	66 KV	7.68	877.80
66KV Hapa	66 KV	11.18	1277.93
66KV Haripar	66 KV	1.52	173.67
66KV Harshadpur	66 KV	4.40	502.45
66KV Jam Vanthali	66 KV	1.75	199.92
66KV Jamnagar 'B'	66 KV	8.80	1006.23
66KV Jamnagar C	66 KV	12.87	1471.38
66KV Kalavad	66 KV	4.53	517.44
66KV Khadkhambhalia	66 KV	1.61	184.07
66KV Kharedi	66 KV	3.18	363.32
66KV Lakhabaval	66 KV	7.35	840.03
66KV Lal-Bunglow	66 KV	11.43	1306.64
66KV Lalpur	66 KV	1.32	150.89
66KV Modpar (Matwa)	66 KV	5.59	638.62
66KV Morkanda	66 KV	10.35	1183.52
66KV Morvadi	66 KV	2.72	310.96

66KV Mota Khadba	66 KV	1.16	132.74
66KV Mota-Vadala	66 KV	3.03	346.18
66KV Nagajar	66 KV	3.27	373.57
66KV Naranpar	66 KV	3.35	382.46
66KV Navagam	66 KV	2.61	298.37
66KV Pipali	66 KV	1.67	190.47
66KV Pipartoda	66 KV	2.41	275.74
66KV Sadodar	66 KV	2.71	310.07
66KV Satrasta	66 KV	12.50	1429.38
66KV Shapar-B	66 KV	5.88	672.37
66KV Sikka	66 KV	6.11	698.83
66KV Suvarda	66 KV	7.79	890.21
66KV Toda	66 KV	2.45	279.91

**DIVISION : Khambhalia**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Bhatia	132 KV	4.32	986.54
132KV Bhatia	66 KV	7.49	855.65
132KV Khambhalia	132 KV	4.03	920.33
132KV Khambhalia	66 KV	5.33	609.60
220KV Bhatia	220 KV	1.94	738.44
220KV Bhatia	132 KV	4.27	976.31
220KV Bhatia	66 KV	6.84	781.77
66KV Arambhada	66 KV	1.82	207.77
66KV Babarzar	66 KV	1.08	123.53
66KV Bhadthar	66 KV	1.33	152.44
66KV Bhankhokhari	66 KV	1.13	129.12
66KV Dwarka	66 KV	4.59	524.25
66KV Gadhka	66 KV	3.15	359.68
66KV Goinj	66 KV	1.51	172.02
66KV Gorana	66 KV	1.84	210.32
66KV Jakhar	66 KV	1.58	180.76
66KV Juvangadh	66 KV	1.15	131.64
66KV Kalyanpur	66 KV	2.75	314.70
66KV Kanchanpur	66 KV	2.09	238.96

66KV Korada	66 KV	6.54	748.07
66KV Lamba	66 KV	4.10	468.58
66KV Meghpar	66 KV	3.52	402.65
66KV Modpar	66 KV	1.27	145.29
66KV Morjar	66 KV	2.33	266.49
66KV Motirafudal	66 KV	0.95	108.57
66KV Rajpara	66 KV	1.80	205.45
66KV Ramnagar	66 KV	3.67	419.86
66KV Rann	66 KV	4.62	527.79
66KV Sanosari	66 KV	1.83	209.49
66KV Vadatara	66 KV	2.09	238.96
66KV Vadinar	66 KV	2.23	254.48
66KV Varvala	66 KV	4.15	473.86

**DIVISION : Ranavav**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Bhomiyavadar	132 KV	5.24	1198.10
132KV Bhomiyavadar	66 KV	6.44	735.62
220KV Ranavav	220 KV	6.57	2503.19
220KV Ranavav	132 KV	7.70	1759.98
220KV Ranavav	66 KV	9.14	1044.74
66KV Adavana	66 KV	2.68	306.83
66KV Ambarama	66 KV	2.99	341.67
66KV Bagavadar	66 KV	5.52	631.24
66KV Bakharala	66 KV	5.72	653.74
66KV Balva	66 KV	5.59	638.93
66KV Barej	66 KV	1.67	190.37
66KV Bhanvad	66 KV	5.22	596.20
66KV Bharatpur	66 KV	4.10	468.31
66KV Bhod	66 KV	6.26	715.24
66KV Bokhira	66 KV	4.68	534.76
66KV Chauta	66 KV	4.99	570.17
66KV Chhaya	66 KV	5.37	613.72
66KV Colony Pbr	66 KV	5.63	643.07
66KV Ghunada	66 KV	3.30	377.00



66KV GIDC Pbr	66 KV	5.15	588.28
66KV Gosa	66 KV	2.28	260.93
66KV Gunda	66 KV	3.51	401.59
66KV Ishwariya	66 KV	4.95	565.68
66KV Khageshri	66 KV	2.59	295.82
66KV Kotda Bavisi	66 KV	6.29	719.11
66KV Kutiyana	66 KV	5.95	679.70
66KV Modapar	66 KV	3.96	452.79
66KV Nagaka	66 KV	4.86	556.04
66KV Navaniya	66 KV	2.42	276.50
66KV Paradava	66 KV	2.18	248.90
66KV Ramgadh	66 KV	5.15	588.09
66KV Rana Khirsara	66 KV	3.34	382.04
66KV Ranakandorana	66 KV	5.84	668.07
66KV Ranavav II	66 KV	5.17	590.81
66KV Ranpar	66 KV	4.82	551.13
66KV Sonvadia	66 KV	3.33	380.18
66KV Tumbda	66 KV	3.87	442.52
66KV Vadala	66 KV	3.76	429.74
66KV Vanana	66 KV	5.90	674.20
66KV Vanavad	66 KV	5.62	641.87
66KV Vansjalia	66 KV	2.34	267.11
66KV Vasantpur	66 KV	5.77	659.65
66KV Verad	66 KV	3.78	432.38
66KV Visavada	66 KV	2.10	240.45

### **3-ph to Ground Fault Level of GETCO System (June-2018 Condition)**

**CIRCLE : (m) Anjar**

**DIVISION : Anjar**

<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
220KV Anjar	220 KV	12.73	4851.93
220KV Anjar	66 KV	26.86	3070.00
220KV Mokha	220 KV	14.15	5391.52
220KV Mokha	66 KV	17.38	1986.23
220KV Tappar	220 KV	28.14	10721.25
220KV Tappar	66 KV	29.30	3349.72
220KV Vondh	220 KV	16.25	6192.10
220KV Vondh	66 KV	23.48	2684.28
400KV Varsana	400 KV	37.13	25724.09
400KV Varsana	220 KV-1	28.72	10941.45
400KV Varsana	220 KV-2	7.56	2880.32
66KV Baraya	66 KV	3.16	360.68
66KV Bhadreshwar	66 KV	5.55	634.15
66KV Bhimasar	66 KV	7.75	885.68
66KV Bhujpur	66 KV	5.15	588.74
66KV Dagala	66 KV	6.71	767.46
66KV DC-5	66 KV	9.42	1076.40
66KV Dhaneti	66 KV	7.49	856.54
66KV Dudhai	66 KV	7.35	839.84
66KV Ftz	66 KV	9.46	1080.79
66KV Gandhidham'b	66 KV	8.04	918.97
66KV Kanaiyabe	66 KV	6.24	713.28
66KV Kandla	66 KV	3.66	417.86
66KV Khambhara	66 KV	2.62	299.94
66KV Khedoi	66 KV	7.41	847.44
66KV Khokhara	66 KV	4.50	514.12
66KV Kidana	66 KV	6.38	729.06
66KV Mathada	66 KV	6.80	777.45
66KV Mithirohar	66 KV	8.30	948.51

66KV Mokha	66 KV	12.35	1411.99
66KV Mundra	66 KV	4.10	468.09
66KV Navagam	66 KV	5.94	678.57
66KV Patri	66 KV	2.76	315.85
66KV Ratnal	66 KV	7.50	857.50
66KV Siracha	66 KV	5.76	658.37
66KV Tharavada	66 KV	4.69	535.53
66KV Varsana	66 KV	16.84	1925.37
66KV Varshamedi	66 KV	8.98	1025.91
66KV Vidi	66 KV	9.87	1128.45

**DIVISION : Bhuj**

SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Bhuj (Converted)	66 KV	9.92	1133.89
220KV Kukma	66 KV	21.78	2489.90
220KV Nanikhakhar	220 KV	21.71	8273.70
220KV Nanikhakhar	66 KV	26.17	2991.38
66KV Aasmbiya	66 KV	9.96	1138.23
66KV Baladia	66 KV	7.42	847.58
66KV Bhediabet	66 KV	0.41	47.37
66KV Bhuj - B	66 KV	5.34	610.62
66KV Bhuj-C	66 KV	4.50	513.94
66KV Bhujodi	66 KV	8.26	943.89
66KV Chapredi	66 KV	4.81	549.59
66KV Dahinsara	66 KV	7.54	861.64
66KV Dahrdo	66 KV	0.96	109.87
66KV Gundiyali	66 KV	3.56	407.30
66KV Kera	66 KV	4.44	506.95
66KV Khavada	66 KV	0.58	66.03
66KV Koday	66 KV	4.34	496.60
66KV Kotada (C)	66 KV	8.54	976.65
66KV Lakhond	66 KV	10.72	1224.87
66KV Loria	66 KV	3.67	419.87
66KV Madhapar	66 KV	15.00	1714.92
66KV Mandvi	66 KV	4.09	467.52

66KV Mankuva	66 KV	2.90	331.53
66KV Nanikhakhar-A	66 KV	8.88	1015.07
66KV Paddhar	66 KV	7.95	909.06
66KV Reldi	66 KV	6.16	704.60
66KV Sanosara	66 KV	7.31	835.69
66KV Sukhpar	66 KV	4.92	562.74
66KV Talwana	66 KV	4.95	566.02
66KV Vighakot	66 KV	0.35	39.56

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**DIVISION : Nakhatrana**

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<b>SUBSTATION</b>	<b>VOLTAGE</b>	<b>FAULT CURRENT (kA)</b>	<b>FAULT MVA (fMVA)</b>
220KV Bhachunda	220 KV	6.89	2623.66
220KV N'khatrana	220 KV	15.66	5968.67
220KV N'khatrana	66 KV	23.08	2637.80
66KV Baranda	66 KV	1.01	115.10
66KV Bayath	66 KV	2.15	245.14
66KV Bhachunda	66 KV	15.23	1740.82
66KV Darasadi	66 KV	3.02	345.15
66KV Dayapar	66 KV	3.37	385.56
66KV Deshalpar	66 KV	5.93	677.75
66KV Deshalpar(Guthali)	66 KV	2.14	244.83
66KV Devisar	66 KV	4.47	511.15
66KV Don	66 KV	4.27	487.78
66KV Dumra	66 KV	5.29	604.31
66KV Gadhsisa	66 KV	4.30	491.82
66KV Hajapar	66 KV	9.75	1114.75
66KV Jamathada	66 KV	2.58	294.75
66KV Khirasara	66 KV	4.72	540.00
66KV Kotda (Roha)	66 KV	4.87	557.19
66KV Kotda(J)	66 KV	3.52	401.77
66KV Kothara	66 KV	3.66	418.02
66KV Manjal	66 KV	7.37	841.89
66KV Mothala	66 KV	9.24	1055.70
66KV Nakhatrana-A	66 KV	10.84	1238.60
66KV Naliya	66 KV	4.21	481.54

66KV Nana Nakhatrana	66 KV	8.23	940.62
66KV Nani Chher	66 KV	1.24	141.54
66KV Nanimau	66 KV	4.70	536.81
66KV Netra	66 KV	2.26	258.17
66KV Nirona	66 KV	3.01	343.66
66KV Parjau (Wanku)	66 KV	2.33	266.49
66KV Rava	66 KV	6.94	792.97
66KV Ravapar	66 KV	2.24	256.37
66KV Santhan	66 KV	3.72	425.31
66KV Siyot	66 KV	1.73	198.15
66KV Vagoth	66 KV	1.56	178.21
66KV Vithon	66 KV	10.17	1162.75

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**DIVISION : Samakhiyali**

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SUBSTATION	VOLTAGE	FAULT CURRENT (kA)	FAULT MVA (fMVA)
132KV Samkhiyali	132 KV	4.34	992.30
132KV Samkhiyali	66 KV	20.86	2384.51
220KV Manjuvas	220 KV	4.97	1892.53
220KV Nani Hamipur	220 KV	5.44	2073.86
220KV Shivilakha	220 KV	17.40	6630.91
220KV Shivilakha	66 KV	30.43	3478.75
66KV Adhoi	66 KV	4.72	539.52
66KV Amardi	66 KV	4.99	570.64
66KV Amrapar	66 KV	0.85	97.51
66KV Balasar	66 KV	1.16	132.94
66KV Bhachau	66 KV	5.92	676.70
66KV Bhimasar	66 KV	1.74	198.58
66KV Chirai	66 KV	7.20	823.38
66KV Chitrod	66 KV	15.87	1813.59
66KV Chobari	66 KV	1.59	182.19
66KV Kharoi	66 KV	2.18	248.73
66KV Khirai	66 KV	4.70	536.67
66KV Pragpar	66 KV	2.61	297.77
66KV Rapar	66 KV	4.47	511.33
66KV Shikra	66 KV	2.92	333.85

66KV Sukhpur	66 KV	2.55	291.65
66KV Suvai	66 KV	1.74	198.53
66KV Vajepar	66 KV	3.43	391.74