3-phase transformer protection & feeder size

							FEEDER								FEEDER							FEEDER			
	TX	FLC	FLC	FLC	125%FLA	OC	OH	UG	OH	UG	FLC	125%FLA	OC	OH	UG	OH	UG	FLC	125%FLA	OC	OH	UG	OH	UG
	KVA	208V	240V	480V	(A)	(A)	CU	CU	AL	AL	600V	(A)	(A)	CU	CU	AL	AL	208V		(A)	CU	CU	AL	AL
3P	**3**	8.3	7.2	3.6	4.5	15	14		12		2.9	3.6	15	14		12		8.3	10.4	15	14		12	
3P	**6**	16.7	14.4	7.2	9.0	15	14		12		5.8	7.2	15	14		12		16.7	20.8	25	10		10	
3P	**9**	25.0	21.7	10.8	13.5	15	12		10		8.7	10.8	15	14		12		25.0	31.2	40	8		8	
3P	**15**	41.6	36.1	18.0	22.6	25	10		10		14.4	18.0	20	12		10		41.6	52.0	60	6		4	
3P	**30**	83.3	72.2	36.1	45.1	50	8		6		28.9	36.1	40	8		8		83.3	104.1	125	2		1/0	
3P	**45**	124.9	108.3	54.1	67.7	70	4		3		43.3	54.1	60	6		4		124.9	156.1	175	2/0	1/0	4/0	2/0
3P	**75**	208.2	180.4	90.2	112.8	125	2		1/0	1/0	72.2	90.2	90	3		2		208.2	260.2	300	300	4/0	400	350
3P	**112.5**	312.3	270.6	135.3	169.2	175	2/0	1/0	4/0	3/0	108.3	135.3	150	1/0	1/0	2/0	1/0	312.3	390.3	400	500	500	2 sets 250	2 sets 250
3P	**150**	416.4	360.9	180.4	225.5	225	4/0	3/0	300	250	144.3	180.4	200	3/0	2/0	4/0	3/0	416.4	520.5	600	2 sets 300	2 sets 250	2 sets 400	2 sets 400
3P	**225**	624.6	541.3	270.6	338.3	350	500	350	600	500	216.5	270.6	300	300	250	400	350	624.6	780.7	800	2 sets 500	3 sets 300	3 sets 400	3 sets 500
3P	**300**	832.7	721.7	360.9	451.1	450	2 sets 4/0	2 sets 4/0	2 sets 300	2 sets 300	288.7	360.9	400	500	400	2 sets 4/0	600	832.7	1,040.9	1,200	3 sets 500	4 sets 350	4 sets 400	4 sets 600
3P	**450**	1,249.1	1,082.6	541.3	676.6	700	2 sets 500	2 sets 400	2 sets 600	3 sets 400	433.0	541.3	600	2 sets 300	2 sets 300	2 sets 500	2 sets 500	1,249.1	1,561.4	1,600	4 sets 500	5 sets 600	6 sets 400	6 sets 750
3P	**500**	1,387.9	1,202.8	601.4	751.8	800	2 sets 500	2 sets 500	3 sets 400	3 sets 500	481.1	601.4	600	2 sets 300	2 sets 350	2 sets 500	2 sets 600	1,387.9	1,734.9	1,800	5 sets 500	6 sets 600	6 sets 500	8 sets 600
3P	**600**	1,665.5	1,443.4	721.7	902.1	900	3 sets 350	3 sets 400	3 sets 500	4 sets 500	577.4	721.7	800	2 sets 500	2 sets 500	3 sets 350	3 sets 500	1,665.5	2,081.9	2,500	6 sets 500	8 sets 600	7 sets 500	
3P	**750**	2,081.9	1,804.3	902.1	1,127.7	1,200	3 sets 500	3 sets 600	4 sets 500	5 sets 500	721.7	902.1	900	3 sets 350	3 sets 400	3 sets 500	4 sets 500	2,081.9	2,602.3	3,000	7 sets 500		8 sets 600	
3P	**1000**	2,775.8	2,405.7	1,202.8	1,503.6	1,600	4 sets 500	5 sets 600	5 sets 500	8 sets 500	962.3	1,202.8	1,200	4 sets 350	4 sets 500	4 sets 500	4 sets 750	2,775.8	3,469.8	4,000	9 sets 500		10 sets 700	