







2

















Voltage (kV)	Conductor (MCM)	SI (Ω)	R (Ω/km)	X (Ω/km)	Charging (kVAr/km)	SIL (MW)
72	266	390	0.41	0.5	17	13
138	477	386	0.14	0.5	63	49
230 (single)	795	384	0.09	0.5	176	138
230 (bundled)	2x795	281	0.04	0.4	247	188
345 (bundled)	3x795	257	0.03	0.3	605	462
500 (bundled)	4x795	238	0.02	0.3	1,339	1051





































Transmission Line Conductor Ratings Summer Winter Summer Winter Voltage Conductor Operating Thermal Thermal Operating (kV) (MCM) MVA MVA MVA MVA 72 266 45 70 60 80 477 125 190 138 165 215 230 795 280 435 385 500 (single) 230 2x795 560 875 765 1000 (bundled) 345 3x795 1260 1970 1725 2255 (bundled) 500 4x795 2430 3800 3330 4360 (bundled) © 2013 b7kennedy & Associates Inc. 32































































