

# VOLTAGE DROP CALCULATION

View

MDU McKenzie Substation

MCKENZIE-2500

MCKENZIE-NEW

Load Flow Box

Substation - 1

	V base	KVLL	KVLN	i(A)	KVA	KW	KVAR
A	123.6	12.8	7.4	63.9	473.9	428.0	203.5
B	123.6	12.8	7.4	63.9	473.9	428.0	203.5
C	123.6	12.8	7.4	63.9	473.9	428.0	203.5
Total					1422	1284	610

Voltage at Mckenzie Substation

Town Load

BLDG 919

BLDG 914

BLDG 908

BLDG 925

BLDG 917

Load Flow Box

Cable - 7

	V base	KVLL	KVLN	i(A)	KVA	KW	KVAR
A	121.3	12.6	7.3	5.1	36.8	34.0	14.2
B	121.3	12.6	7.3	5.1	36.8	34.0	14.2
C	121.3	12.6	7.3	5.1	36.8	34.0	14.2
Total					110	102	43

Voltage at Primary Side of Menards Bldg 917

MDU-8