

Track 5

Field Testing of Distribution Controls

THE PRAIRIES V

MONDAY, AUGUST 12, 2019

7:00 - 8:00 AM	Breakfast
8:00 - 8:30 AM	General Welcome
8:30 - 9:30AM	General Session
9:30 - 10:15 AM	Course Introduction & Pre-Test
10:15 - 11:30 AM	Regulator Safety, How Regulators Operate
11:30 - 12:15 PM	Lunch
12:15 - 12:45 PM	Regulator Namplate Data, Control Operation & Substitution
12:45 - 2:00 PM	Voltage Regulator Inspection Troubleshooting & Bypass
2:00 - 2:30 PM	CL-7 & Multiphase Control
2:30 - 3:00 PM	Vendor Break
3:00 - 4:15 PM	Hands -O Lab Voltage Regulator Troubleshooting
4:15 - 4:30 PM	End of Day Lab Review
4:30 - 5:30 PM	General Session

TUESDAY, AUGUST 13, 2019

7:00 - 8:00 AM	Breakfast
8:00 - 8:30 AM	Apparatus Control Cables
8:30 - 9:00 AM	Equipment & Control Grounding
9:00 - 10:00 AM	Visit Vendor Area
10:00 - 11:30 AM	Benefits of Capacitors - The Power Triangle
11:30 - 12:15 PM	Lunch
12:15 - 1:00 PM	Internal Components & Testing of Power Capacitors
1:00 - 1:45PM	Methods of Switching Capacitors
1:45 - 2:00 PM	Vendor Break
2:00 - 3:15 PM	Programming Capacitor Controls
3:15 - 3:45 PM	Volt Var Optimization Using Distribution Primary Controls & Apparatus
3:45 - 4:30 PM	Switched Capacitor Rack Troubleshooting
4:30 - 4:45PM	End of Day Lab Review

WEDNESDAY, AUGUST 14, 2019

7:00 - 8:00 AM	Breakfast
8:00 - 9:00 AM	Recloser Basics: Terminology & Operation
9:00 - 9:30 AM	Vendor Break
9:30 - 10:30 AM	TS Operation & Loop Schemes
10:30 - 11:30 AM	SEL-651 & Interface Software
11:30 - 12:15 PM	Lunch
12:15 - 1:15 PM	Form 6 & Proview Interface Software
1:15 - 2:15 PM	RER 620 MMI & Interface Software
2:15 - 2:30 PM	Break
2:30 - 3:30 PM	Using the KMET Control Tester
3:30 - 4:30 PM	Using the Omicron Tester

THURSDAY, AUGUST 15, 2019

7:00 - 8:00 AM	Breakfast
8:00 - 9:30 AM	Recloser/Controls Troubleshooting
9:30 - 9:45 AM	Break
9:45 - 10:30 AM	Lab - Recloser Controls Testing
10:30 - 11:30 AM	GLEMS Track 5 Wrap Up