

Transformer Concepts & Applications Seminar

HOSTED BY PROLEC GE WAUKESHA

Prolec GE Waukesha
400 South Prairie Avenue
Waukesha, WI 53186

waukesha
a prolec ge company

TIME	DAY 1
7:30 – 8:00	Check In / Assemble / Breakfast
8:00 – 8:15	Welcome and Introductions
8:15 – 9:45	Transformers 101: Economics of Transformer Design, State of the Market & Market Trends
9:45 – 10:00	Break
10:00 – 11:00	Electrical Design Process
11:00 – 12:00	Mechanical Design Process
12:00 – 12:45	LUNCH
12:45 – 2:45	Plant Tour
2:45 – 3:00	Break
3:00 – 3:45	Transformer Magnetic Circuit
3:45 – 4:30	Stray Losses
4:30 – 5:15	Q&A Panel Session
5:45 – 7:45	GROUP DINNER TBD
5:45 – 6:30	Refreshments & Appetizers
6:30 – 7:45	Dinner

TIME	DAY 2
8:00 – 8:45	Transformer Controls and Schematics
8:45 – 10:00	Fundamentals of Insulation Design
10:00 – 10:15	Break
10:15 – 11:00	Short Circuit Design
11:00 – 11:45	Tap Changers
11:45 – 12:30	LUNCH
12:30 – 1:15	Transformer Components & Accessories
1:15 – 2:00	Thermal Design Considerations
2:00 – 3:00	Plant Tour
3:00 – 3:15	Break
3:15 – 4:00	Reverse Power Flow
4:00 – 5:00	Evolution of Power Transformer Technology
5:00 – 5:45	Q&A Panel Session
5:45 – 5:50	Attendees' Choice Selections
TIME	DAY 3
8:00 – 8:45	Dissolved Gas Analysis
8:45 – 10:00	Factory Testing of Transformers
10:00 – 10:15	Break
10:15 – 11:45	Installation and Field Testing
11:45 – 12:30	LUNCH
12:30 – 2:00	Attendees' Choice
2:00 – 3:00	Q&A, Feedback, Closing Comments, Distribution of Certificates