



Fundamentals of Electricity Webinar Outline

8:00 to 9:20	Generators & Backup Power DC Motor Operation AC Motor Operation
9:20 to 9:35	Break
9:35 to 10:45	Lockout / Tagout Grounding Wiring Electricity Laws
10:45 to 11:00	Break
11:00 to 12:00	Electrical Troubleshooting Resistance (e.g. Dirty Contacts, Failing Insulation) Voltage (Low, High, or Variable) Current (Imminent Failure) Power Consumption
12:00 to 1:00	Lunch
1:00 to 2:30	Electrical Component Operation Reading Electrical Schematics Testing with Meters Interpreting Meter Readings
2:30 to 2:45	Break
2:45 to 3:45	Ground Fault Circuit Interrupters Equipment Protection Fuses Circuit Breakers Surge Suppression UPS Reducing Electricity Demand