



**This 3-day OnSite Generator 101  
Intensive Training Features:**

Engaging Activities  
Hands-on Training  
Equipment Demonstrations

**OnSite Generator Institute**  
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**August 6th**

8:00 AM	Seminar Begins
8:00-9:00	Safety - Arc Flash, PE, NFPA 70A
9:00-11:00	Basic Electricity
11:00-12:00	AC/DC, circuits and magnetism
12:00-1:00	Catered Lunch
1:00-3:00	Understanding Generation Hands-On
4:00-5:00	Components, Frequency and Voltage
5:00	Seminar Ends

**August 7th**

8:00 AM	Seminar Begins
8:00-8:15	Review - Hands-on Training
8:15-9:00	Control Systems, Engine Protection
9:00-10:00	Electronic Isochronous and Mechanical Droop Governors
11:00-12:00	Voltage Regulation
12:00-1:00	Catered Lunch
1:00-2:00	Relays, oil pressure, water temp.
2:00-3:00	Auto Start/Stop Logic Controls, Safeties, Protective Relaying
3:00-4:00	Diesel, Natural and Propane Gas Systems
4:00-5:00	Fuel Systems, Diesel Fuel Maintenance
5:00	Seminar End

**August 8th**

8:00 AM	Seminar Begins
8:00-8:15	Review - Hands-on Training
8:15-9:00	Transfer Switches. Demonstrations
9:00-10:00	Paralleling Generators
10:00-12:00	Generator Operation and Logic
12:00-1:00	Catered Lunch
1:00-2:00	Switchgear/Go-Gen, Switchgear Controls
2:00-3:00	Controlling Air-Fuel Ratio and Emissions
3:00-4:00	Parallel to utility and heat recovery
4:00-5:00	Engine and Generator Maintenance
5:00	Graduation Certificates