

Completing the Circle of Power

Distribution Transformers

- **Phaseback VSGR**

- Works with DELTA or WYE Systems

- **Prevents ARC FLASH+** benefits

- Kema Test 1/17

- **AFPT**

2000-2017
Complete Circle.
Phaseback
VSGR solves
Voltage
issues

- **Industrial Standard:
Delta Secondary**

Circular Windings

- **Stable Voltage**

- **Loads:** Electro-magnetic Ballasts
Motor Starters
Relays

1950s
Strong
Sturdy

- **Smaller Faster
Controls, Drives**

- Voltage Sensitivity

- **Realization:
WYE has higher
risk of Ground
Fault & ARC
FLASH**

1980-1990s
ARC FLASH
Grnd Fault
Limiting
Devices

1970s
PLCs:
Move to
smaller
controls

- **Secondary:
Grnd WYE**
provide equal
phase voltages
needed by some
Drives / Loads.