



CE Power Solutions

Solutions Profile # 10 –Padmount Switchgear

Project Scope: Phase-to-ground failure of 15kV outdoor switchgear resulting in downtime.

Client: Major food processing company.

Project Challenge: Provide permanent solution to the operational integrity of the switch with minimal downtime.

Service Team: CE Power Engineering Services
CE Power Florida Service and Maintenance Team

Project Profile: Understanding the environment along with the experience of CE Power, the solution is accomplished by adding the louver package and refurbishing the switch. By adding stainless steel louvers, the switch would be able to “breathe” in the hot, moist climate of Florida. The louver package increases the "breathability" by more than 400%, preventing the "condensation effect". Providing the louver package and a complete refurbishment of the switch can add life to the existing switchgear for less than 50% of replacement cost.

Quality Initiatives: CE Power estimates that there exists nearly 100,000 of these units that can be:

- Refurbished
- Modified to improve performance
- 50% less than replacement cost

Before



After

