



MOHEGAN SUN

SERVICE PROFILE: INSTALLATION OF IRISS INFRARED WINDOWS



CLIENT: Mohegan Tribal Gaming Authority

LOCATION: Uncasville, Connecticut

PROJECT SIZE: 3 Million square feet

COMPLETION DATE: September 2012

CLIENT PROFILE: The Mohegan Tribal Gaming Authority is an entity of the Mohegan Tribe of Indians of Connecticut.

POWERHAWKE SERVICES PROVIDED:

- Infrared Thermographic Assessment & Inspection
- De-energized Testing of critical breakers and components
- Third party services management
- Installation of IRSS Infrared Viewing Windows
- Safety Assessment of building electrical systems
- Complete analysis and web reporting of findings.

SITUATION ANALYSIS:

Over the past three years, PowerHawke, Inc. has provided infrared scanning of all electrical gear and panels for the 34-story hotel, 300,000 square foot casino, 10,000-seat entertainment arena and over 75 retail shops and restaurants.

It's simple – power is money. If the power is off, millions of dollars of gaming are lost, so keeping the slots and games rolling is critical path for this business. The client is keenly aware of the need to proactively manage and maintain the critical power infrastructure on site where reliability is the number one concern for their electric distribution systems.

De-energizing the entire casino is not an option, as they remain open twenty-four hours per day, seven days per week. To more efficiently assess the electrical distribution system safely, and with the power remaining on, PowerHawke suggested installing IRISS infrared windows.

SOLUTION PROVIDED:

PowerHawke technicians installed over fifty CAP V-24 IRISS windows on 15 kV gear throughout the Mohegan complex. This allowed the customer to include the switchgear in their annual infrared survey.

Infrared viewing windows are also a key arc flash mitigation technique, allowing inspection of electrical gear that ordinarily would not be feasible while energized.

We work closely with the client to insure scheduled outage times are minimized and at the same time, those windows of opportunities are maximized to deliver optimal services.



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