

## Foxwoods Resort Casino Mashantucket, CT MPTN Cogen Plant Commissioning

The Mashantucket Pequot Tribal Nation is retooling their power system to generate electricity while heating and cooling Foxwoods Resort Casino. The \$34 million project is initially anticipated to provide 60% of the tribe's electricity needs as well as heating and cooling the casino.

Hallam-ICS was selected as the commissioning agent for the project, with a mission of verifying that systems are well documented, operate as intended and that the operations and maintenance staff is properly trained prior to taking ownership of the systems.

The project includes two 7.5 MW gas combustion turbines coupled with two

Rentech Heat Recovery Steam Generators (HSRG) to produce a total of 170,000 pounds of steam at 125 psig. Hallam-ICS developed and executed the Pre-Functional and Functional test scripts for the turbines, HRSg's, fuel oil, utilities, electrical gear and black start generator systems.

Hallam-ICS assembled a multi-disciplined project team with experienced, senior level engineers supported by an on-site commissioning team. The Hallam-ICS team developed good working relationships with the Foxwoods engineering, maintenance and operation staff, as well as the site contractors, leading to cooperative team effort to complete the project.

