



# Combustion Turbine Addition Project Summary

**Empire District Electric Company  
Riverton Power Plant – Unit 12**

Contract Value: \$2.4 Million

Duration: November, 2005 – January, 2007

Location: Riverton, KS



**OWNER:**

Empire District Electric Company  
7240 SE Highway 66  
Riverton, KS 66770

**ENGINEER:**

Sega, Inc.  
16041 Foster Street  
Stilwell, KS 66085

**GENERAL CONTRACTOR:**

Sega, Inc.  
16041 Foster Street  
Stilwell, KS 66085

**PROJECT SUMMARY:**

This Design/Build project consisted of the installation of a 155-MW Siemens V84.2 gas fired combustion turbine. Foley self-performed the construction of concrete foundations, below ground piping, above ground piping and miscellaneous site work.

Foley's work on the main turbine foundation consisted of over 1,100 cubic yard monolithic concrete pour. Foundation also included extensive piping and electrical imbeds.

Mechanical systems consisted of installation of prefabricated Siemens turbine piping, water treatment, above and below ground fire protection, compressed air and lubrication.