

TIPTON COUNTY, IN COURTHOUSE

101 E Jefferson Street
Tipton, IN 46072

Project Type: Energy Savings Project

Improvements: Installed new controls system, chilled water cooling plant system and boiler heating plant system.



BACKGROUND: Perfection Group, Inc. was a key partner for the systems renovation and energy savings performance contract for Tipton County, Indiana.




SOLUTION: Energy Conservation Measures were performed by Perfection Group, Inc. the Tipton County Courthouse.

As part of the Energy Savings Performance Contract with Tipton County, Perfection Group, Inc. provided a new control system, new chilled water cooling plant system and a new boiler heating plant system.

In the Courthouse, Perfection replaced the existing failed pneumatic controls throughout the building with new direct digital controls including a web server for remote accessibility, alarming and control trending. Components included smart stats and integration of the new boiler and chiller plants for a total controls package providing optimum energy savings.

Perfection also implemented some piping changes in the boiler room. They took advantage of the condensing style high efficiency boilers newly installed. These changes saved energy through reduced natural gas consumption and improved space comfort.

The Courthouse has achieved savings in excess of the original projections and have realized solid returns on the county's investment.

-  Installation of New Control System
-  Installation of Chilled Water Cooling Plant System
-  Installation of Boiler Heating Plant System

