

CITY OF INDIANAPOLIS – 15 BUILDING PROJECTS

40% Utility Cost Reduction

The City of Indianapolis Department of Public Works issued a request for proposals for a guaranteed energy project in 2009. From a field of 12 competitors, Performance Services was ultimately selected to identify, design and implement energy conservation measures in 15 buildings, including an integrated front-end control system and deep energy retrofit at the City-County Building.

Under the direction of Ron Reinking, the Marion County Building Authority has overseen a number of energy related improvements over the years, but nothing as comprehensive as this project, which utilizes a holistic approach and includes measurable results. The energy conservation initiatives will serve to demonstrate leadership in sustainable practices and help to achieve the goal of substantial energy savings for Marion County taxpayers.

PROJECT IMPROVEMENTS

- Central plant heat recovery systems
- Exhaust air energy recovery systems
- Conversion of dual duct air handling systems from constant to variable flow
- Conversion of chilled water / hot water systems from constant to variable flow
- Expansion and optimization of building control systems
- Lighting occupancy and light harvesting sensors installed

RENEWABLE ENERGY FEATURES AT CITY-COUNTY BUILDING

- Geothermal and heat recovery system to supplement heating and cooling
- Solar thermal and solar photovoltaic panel installation
- Solar photovoltaic and wind powered LED plaza lights
- Photovoltaic powered LED bus shelter integrated with the new cultural trail
- Lobby Dashboard Display of project green features and building performance



CITY OF INDIANAPOLIS
2,124,643 S.F.

CONTRACT - MEASURED & VERIFIED
\$15,412,609

GUARANTEED ENERGY SAVINGS
\$1.3M ANNUAL SAVINGS

COMPLETION:
OCT 2011

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ABOUT PERFORMANCE SERVICES

We are a design-build engineering and construction company specializing in creating optimal learning and working environments. By valuing relationships and workmanship over change orders and shortcuts, Performance Services strives to earn a 100% Customer Satisfaction rating.



A screenshot of a website titled "Green Features" from the Indianapolis Department of Public Works. The page features a grid of six thumbnail images with captions: "Solar Photovoltaic Panels", "Solar Thermal Panels", "Solar Powered Bus Shelter", "Solar & Wind Powered Plaza Lights", "Geo-Thermal Heating & Cooling", and "Recycling Bins". At the bottom, there is a navigation bar with icons for "Intro", "Electricity", "PV", "Steam", "Solar Thermal", "Geothermal", "Green Tips", "Green Features", and "Weather". The "Green Features" icon is highlighted.