**University Hospital**  
Augusta, Georgia

**Client:**

University Hospital is a 1,400,000 square foot, 489 bed Acute Care Hospital located in Augusta, Georgia.

**Problem:**

University Hospital has undergone a number of expansions including a heart center which was being commissioned at the time of our engagement. Due to a need to reduce operating costs, University Hospital engaged our Partner’s team of experts to reduce the hospital’s energy consumption.

**Solution:**

University Hospital implemented our Partner’s “best practice” On-Track Program to diagnose and correct inefficiencies within the facility. During initial energy assessments, our experts identified opportunities for improvement within the facility.

Based on engineering surveys and in-depth analysis of data gathered from the Building Automation System, the following modifications were made:

- Re-programmed air handler control sequences to reduce chilled water usage and reheat energy
- Adjusted automatic chilled water balancing valve sequences to properly control system pressures
- Corrected damper actuators that were inoperative or out of calibration
- Began a program of regular on-site training sessions with the hospital staff

**Results:**

After the first 13 months of the program implementation, University Hospital has generated almost $430,000 in energy cost savings without any major capital expenditures.

University Hospital’s energy usage index has decreased from 240 to 210 kBTU/SF. The facility’s Energy Star profile improved from a baseline rating of 14 to a current rating of 18.