



novakgroup llc
energy solutions & construction management

Location:

Alice, TX

Project Type:

Energy Solutions - Lump Sum

Projected Annual Savings / Payback / ROI:

25.1 % Annual Savings
4.1 Year Payback
24.33% Annual Return on Investment

Project Cost:

\$119,508

Project Size:

35,000 SF

Project Completed:

In Progress

Energy Conservation Measures:

Distech Energy Management System with
DDC and enable/disable controls
Conversion to Variable Air Volume
Demand Controlled Ventilation
Lighting Controls
Real time Monitoring and Support

Owner:

First Community Bank
416 N. Water Street
Corpus Christ, TX
www.fcbot.com

First Community Bank

Alice, TX



The Challenge

Initially, Novak Group asked First Community Bank for permission to perform a utility audit. The results came back with First Community Bank showing excessive consumption for their building type. After the initial utility audit, Novak Group immediately performed an on-site energy audit to reveal the causes of the high consumption. Once a preliminary scope of work was created to address the issues found, Novak Group worked closely with First Community Bank and its representatives to address specific issues and needs dealing with the bank's comfort and introduced measures to reduce energy waste.

The Solution

Novak Group addressed comfort issues and energy waste by removing older pneumatic controls which were replaced with a state of the art digital control system. Energy efficient sequences were implemented with a conversion to a variable volume system and demand controlled ventilation. This created more precise temperature and humidity management. Minor mechanical upgrades were made to upgrade deteriorated and faulty equipment and prepare the systems for the newer technologies.

Client Benefits

- Improved Comfort
- Local and Remote System Access
- Better Management and Visibility of Energy Use
- Superior Product Delivery

The Bottom Line

Novak Group was determined to identify the energy waste and implement proven measures to address each cause of the waste. The scope of work that was developed a project that will pay back in just over four years and created a new revenue source that the bank did not know existed. Also, in result of the project, the bank facility has greater control over their comfort and can know they are running at peak efficiency.