

New Hope General Baptist Church

R.R. #4, Box 173
Fairfield, IL 62837

The 7,560 square foot church facility is conditioned with a horizontal loop geothermal retrofit.

Total grant: \$7,734
System tonnage: 10
Cost per ton: \$2,176
Cost per square foot: \$2.88
Estimated annual savings: \$4,745

Estimated incremental system
payback: 2.73 years
County: Wayne
Cooperative: Wayne-White Counties
Electric Cooperative



Quote from Jerry Houser, manager of member services and manager of facilities, procurement and equipment, at Wayne-White Counties Electric Cooperative

“Although New Hope General Baptist Church isn’t sub-metered, according to calculations comparing consumption from one year to the next, the church may have saved an average of \$3,491 per year in heating and cooling costs since the installation of their geothermal system.”

Quote from Trustee John Simpson four years after installation

“We like the system. There were some problems with the thermostat at first, which were fixed. It does a good job...it’s been a nice system.”