

Energy Features for New Buildings

- Water fixtures will use less energy than required by current plumbing code
- Mechanical system will use less energy than required by current building code
- Mechanical code ventilation will use less energy than required by requirements of current code
- Lighting system current will use less energy than required by energy code
- Site circulation promotes active transportation (walking & biking)
- High efficiency windows (Low-e Argon filled)
- Sloped ceilings to reflect light from outside
- White paint on walls, reflective ceilings, and light floor colors to reflect light
- Lights controlled by occupancy sensors
- The materials from the old school (brick and concrete) were recycled
- Building automation system tracks energy use and schedules the heat, air conditioning, outside air and minimum ventilation.
- Energy efficient insulation of existing walls (Gold Wall System)
- Improved classroom thermal comfort, acoustics, and indoor air quality.
- Day lighting and views to increase learning environments
- Duke Energy incentive will likely exceed \$50,000.00
- Greater Cincinnati Energy Alliance has committed \$200,000.00 to the project