



Fairfield Medical Finds Comfort in Efficiency

Upgrades improve lighting and air quality

For Fairfield Medical Center, maintaining patient comfort while remaining cost effective is paramount. When they looked for energy-efficient ways to keep patients safe and comfortable, lighting and air quality rose to the top of the list.

The hospital offset the cost of planned upgrades with incentives obtained through several of AEP Ohio's Incentive Programs for Business. "We're always talking up their incentive program, telling others that it's out there—and that we're taking full advantage of it," said Steve Burgess, Fairfield Medical's Plant Engineering Supervisor.

The hospital improved air flow by replacing existing screw chillers with new units that featured Variable Frequency Drives (VFDs)—an upgrade that simultaneously improved the hospital's emergency backup system.

From a lighting perspective, the need was twofold: increase visibility and safety—especially in hospital parking areas. Replacing high pressure sodium lights

with LEDs in the parking garage saved energy and improved the sense of security felt by staff and patients.

Fairfield Medical has other energy-saving projects planned. "Working with AEP Ohio has been great," Burgess said.

"We're always talking up their incentive program."

— Steve Burgess
Plant Engineering Supervisor
Fairfield Medical Center

Project brief:

Upgrades:

- HVAC upgrades
- Interior and exterior lighting

Annual energy savings:

\$134,385

Incentives paid:

\$133,421

Note: The annual energy savings are calculated using an electric rate of \$0.08 per kilowatt hour (kWh).



Fairfield Medical's bright and efficient lighting increases patient and staff safety



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