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HVAC Controls

Retrofit vs Replace

Retrofitting Saves Money $$$

- ✓ Low initial-outlay
- ✓ Payback is 2-3 years
- ✓ Maximize utility incentives today.

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Retrofit or Replace

Why Retrofit? - It Saves Money $$$

Replacing Existing HVAC Equipment

Even well-maintained HVAC systems will require replacement eventually. Replacing HVAC systems can be expensive.

Retrofitting Existing HVAC Equipment

When possible, retrofitting commercial HVAC systems with advanced HVAC controls

- Can be an extremely cost-effective alternative to improve a commercial HVAC system

Retrofit to:

- Lower energy costs today
- Extending the life of the existing HVAC system
- Avoid entire replacement process

Retrofitting will yield the same energy savings as replacement but with shorter payback

- Payback of 2-3 years for retrofit
- Payback of 20-30 years or more for replacement

A retrofit strategy could

- Defer a large investment and result in short-term benefits that you can use now until you to fully upgrade in the future.
- Due to state building codes, replacement equipment is not entitled to all the utility energy incentives available for retrofitting.
- The near-term cashflow saved by reducing energy costs can also be accrued and used to defray cost of replacement in the future.
- HVAC controls used for retrofit are forward compatible with any newer equipment replaced in the future. You can have your cake and eat it too!

When to Replace or Retrofit Equipment

- Replace equipment only if it's at the end of life and as a capital expenditure project – not an energy saving project.
- Retrofit equipment if it's not at the end of life as an energy saving project.

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