



Newfields: A Place for Nature & the Arts

Indianapolis, IN

Newfields: A Place for Nature & the Arts engaged AES Indiana's Retro-Commissioning (RCx) Program with the goal of identifying opportunities to maximize building energy performance, while also maintaining building operating conditions that protect Newfields' collection and support a comfortable environment for guests, staff, and volunteers.

AES Indiana's RCx Program identified opportunities for Newfields to save over 15% in annual electric savings through measures that address building system controls, mechanical air handling, zone terminal units, and hydronic system operations. The program engaged Newfields throughout the process to help them understand their opportunities, obtain contractor pricing, and verify that completed work was delivering expected energy savings.

On top of this, Newfields earned over \$80,000 in AES Indiana Program incentives to support their project goals. At the end of their Program engagement, Newfields Chief Operating Officer, Katheryn Haigh said, "I was extremely pleased with both the process and results that were provided through AES Indiana's program".

Incentives	Project Details	
Retro-Commissioning	Annual kWh savings:	1,692,000 kWh*
	Annual Cost Savings:	\$70,000
Size	Net Customer Out-of-Pocket:	\$25,500
600,000 SF	Payback :	4 Months

** Verified Savings through Measurement & Verification (M&V)*

Retro-commissioning measures to optimize systems include:

- Scheduling
- Economizer Programming
- Static Pressure Reset
- Supply and Return Fan Control
- Discharge Air Temperature Reset
- Installing and Sequencing of VFDs
- Supply Temperature and Chilled Water Reset