



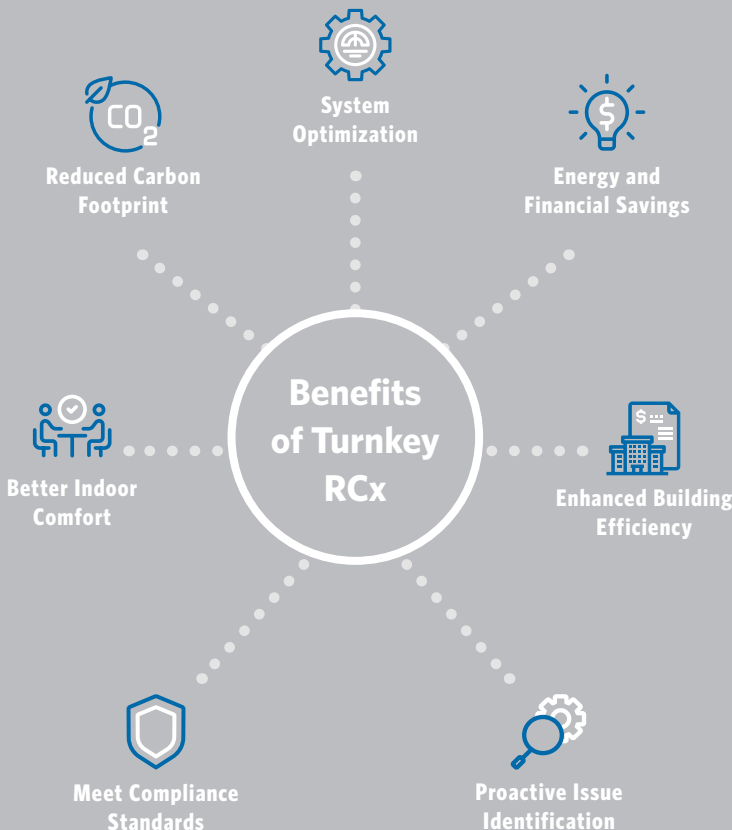
Turnkey Retro-Commissioning

# Energy Studies

Turnkey Retro-Commissioning (RCx) Energy Studies identify energy-saving opportunities in existing facilities that were never formally commissioned or haven't been re-commissioned in some time. RCx is a systemic process for inspecting and optimizing the operational performance of building automation systems, including a review of lighting, motors/pumps, and variable speed drives—highlighting necessary adjustments to improve energy efficiency.

**Otter Tail Power Company**, in partnership with **Michaels Energy**, offers both traditional and lite RCx study options.

Contact your Energy Management Representative today to determine which study level is best suited for your business.



# Save money and run at peak performance

Two easy steps to get started

1



## Contact your Energy Management Representative

Contact your Energy Management Representative for a no-cost, no-risk discovery call to:

- Discuss opportunities for savings
- Review program details and goals
- Select the study that fits you and your business

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## Select your study option

### Turnkey RCx

Savings estimate and study cost are proposed up-front with a 50% reimbursement from Otter Tail Power after study completion and 50% after implementation of low/no-cost measures.

### Turnkey RCx Lite

Up to \$7,500 in study costs will be reimbursed following the implementation of low- or no-cost measures, with an additional \$2,000 available to support implementation efforts by the controls vendor.

[See back to learn more about each study option.](#)



## Selecting a study option

# Turnkey RCx vs. Turnkey RCx Lite

## TURNKEY RCx

### Program Outcome

- Investment-grade engineering study reviewing entire building operation and performance
- Deep energy savings
- Improvements to building operation

### Program Duration

- Study complete in 2-3 months
- Up to 18 months to implement recommendations
- 12 months bill tracking

### Implementation

- Building owner/operator responsible for implementation
- Up to 18 months allowed for completion

### Post Implementation Assistance

- On-site functional testing after implementation
- Employee training
- 12 months of bill monitoring for estimated savings validation

### Realized Energy Savings

- Typically 10-25% of total building energy use

### Net Cost

- Out-of-pocket costs only for implementing a package of measures with a 2 year-payback
- Implementation costs capped at twice the cost of your study to allow for proper budgeting
- Study costs are proposed up-front with a 50% reimbursement from Otter Tail Power upon study completion and 50% after implementation of low/no-cost measures
- Post-implementation assistance services provided through the program

## TURNKEY RCx LITE

### Program Outcome

- Fast energy savings
- Energy savings found in simple building control strategies

### Program Duration

- Less than 1 month from site visit to program completion

### Implementation

- Implementation completed by controls vendor/in-house resource during the site visit

### Post Implementation Assistance

- End of project report documenting energy savings achieved through implementation

### Realized Energy Savings

- Typically 5-15% of total building energy use

### Net Cost

- No net out-of-pocket cost (up to \$9,500)
- Study (\$7,500) reimbursed
- Implementation (up to \$2,000) reimbursed

### Timeline for study cost reimbursement

- Study cost (and up to \$2,000 for contractor fees) fully reimbursed after project report review meeting



Learn more at [otpc.com/TurnkeyRCx](https://otpc.com/TurnkeyRCx)