

**New! Energy Efficiency Offerings for  
Universities, Colleges and Public Schools**

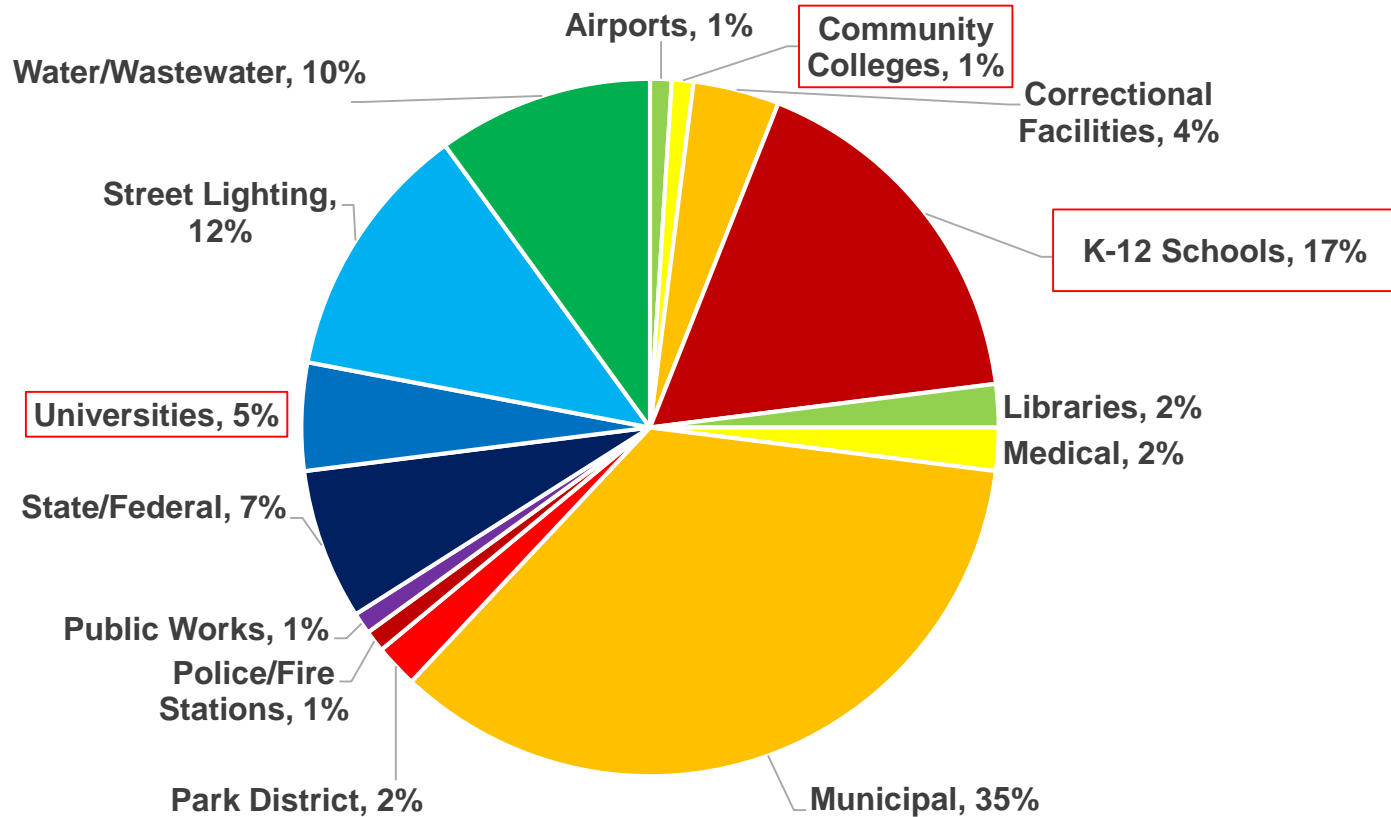
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**March 23, 2018**

# The Opportunity

- ✓ As a result of the Future Energy Jobs Act (FEJA), ComEd is now offering public sector and income eligible energy efficiency programs previously offered by the Illinois Department of Commerce and Economic Opportunity (DCEO).
- ✓ This is a tremendous opportunity – to provide energy- and cost- saving opportunities to our customers who need it the most.
- ✓ Our 2018 goals are aggressive:
  - Public sector: \$37 million, 180 MW
- ✓ The public sector accounts for ~11% of the state's electric load.

# Market Potential – Segments



# Ways to Save

## ✓ Incentives

- Standard
- Custom
- Data Centers
- Combined Heat & Power
- Small Facilities Direct Install
- New Construction

## ✓ Instant Discounts

- Lighting

## ✓ Tune-Ups & Technical Services

- Facility & System Assessments
- Retro-Commissioning (RCx)
- Strategic Energy Management
- Energy Advisor
- AirCare Plus
- Public Sector Support
- Training Opportunities



# Standard Incentive Program

- ✓ Lighting (Indoor and Outdoor: fixtures, retrofits, sensors, controls)
- ✓ Energy Management Systems (programmable thermostats, automation, SCADA)
- ✓ HVAC (chillers, VSDs, exhaust, pumps)
- ✓ Kitchen Equipment (refrigeration, beverage/snack machines, ENERGY STAR®)

# Public Sector New Customer Bonus

- ✓ 20% bonus on energy efficiency projects completed by May 31.
- ✓ Incentive caps increased to 75% as part of the promo.
- ✓ Must include coupon with pre-application.

**ComEd Energy Efficiency Program**

**FACT SHEET**

## Public Sector New Customer Bonus

We're excited to welcome you and all of our public sector customers to the ComEd Energy Efficiency Program. We offer a wide variety of energy-saving opportunities, and to get you started, your organization is eligible for a "new customer" 20 percent bonus!

Lighting, HVAC, Energy management controls. We can help you determine eligibility and get the process started today. The best part? You can earn a 20 percent bonus on energy efficiency projects completed by May 31, 2018. The incentive cap is increasing from 50 to 75 percent, allowing eligible projects to earn an even larger bonus!

Need help identifying energy-saving improvements? Sign up for a FREE facility assessment.

**Get started today and earn an extra 20 percent bonus (and potentially MORE!) for projects completed by May 2018.**

**DETAILS**

- Check the public sector incentive summary on ComEd.com/PublicSectorEE for a list of eligible projects and measures.
- Download and complete the pre-approval application form.
- Complete the bonus coupon and applicable incentive worksheets.

Note: Custom, water/waste water treatment and street lighting projects are not eligible for this limited-time bonus. Complete terms and conditions are available on the bonus coupon.

**FOR MORE INFORMATION**

The ComEd Energy Efficiency Program offers cash incentives, technical services and whole-building solutions to help organizations use energy more efficiently. For more information, visit [ComEd.com/PublicSectorEE](http://ComEd.com/PublicSectorEE), email [PublicSectorEE@ComEd.com](mailto:PublicSectorEE@ComEd.com) or call 855-433-2700.

**Public Sector NEW CUSTOMER COUPON**  
January 1, 2018 through May 31, 2018

**Get started today and earn an extra 20 percent bonus (and potentially MORE!) for projects completed by May 31, 2018.**

**ComEd** powering lives

**GET STARTED TODAY!**

**VISIT** [ComEd.com/PublicSectorEE](http://ComEd.com/PublicSectorEE)  
**EMAIL** [PublicSectorEE@ComEd.com](mailto:PublicSectorEE@ComEd.com)  
**CALL** 855-433-2700

# Custom Incentive Program

- ✓ Incentives for complex energy efficiency projects not covered by standard incentives
  - Retrofits, replacement and upgrades (e.g., process equipment, refrigeration, compressed air and HVAC)
  - Procedural / operational changes for greater output using same energy
- ✓ \$0.07 per kWh reduced; 1 to 7 year payback required
- ✓ Measurement and verification (M&V) may be required
- ✓ Developing in-house M&V services

# Data Center Offers



## ✓ Reduce energy use by:

- Increasing energy efficiency for mechanical, electrical and IT systems
- Implementing closet-to-colocation site transfer

## ✓ Technical Assistance Services

- Service providers perform ASHRAE Level 2 audit

## ✓ Incentives

- Based on measured kWh savings
- \$0.07 per kWh saved
- \$0.05 per kWh virtualization/IT measures
- \$0.10 per kWh for closet to colocation



# Combined Heat and Power

- ✓ Technology for a customer to generate electricity and heat
- ✓ Incentives for **Feasibility Study** and **Project Implementation**
- ✓ Threshold for eligibility
  - Peak demand of the site  $\geq 500$  kW
- ✓ Feasibility Study Incentive
  - Up to \$10k for projects  $< 400$  kW
  - Up to \$25k for projects  $\geq 400$  kW
- ✓ Implementation Incentive
  - \$0.07 / kWh with the following schedule:
    - \$60 / kW (equivalent/up to ~20%) upon construction completion
    - Remaining 80% upon the completion of M&V



# Standard, Custom & Data Center Incentives

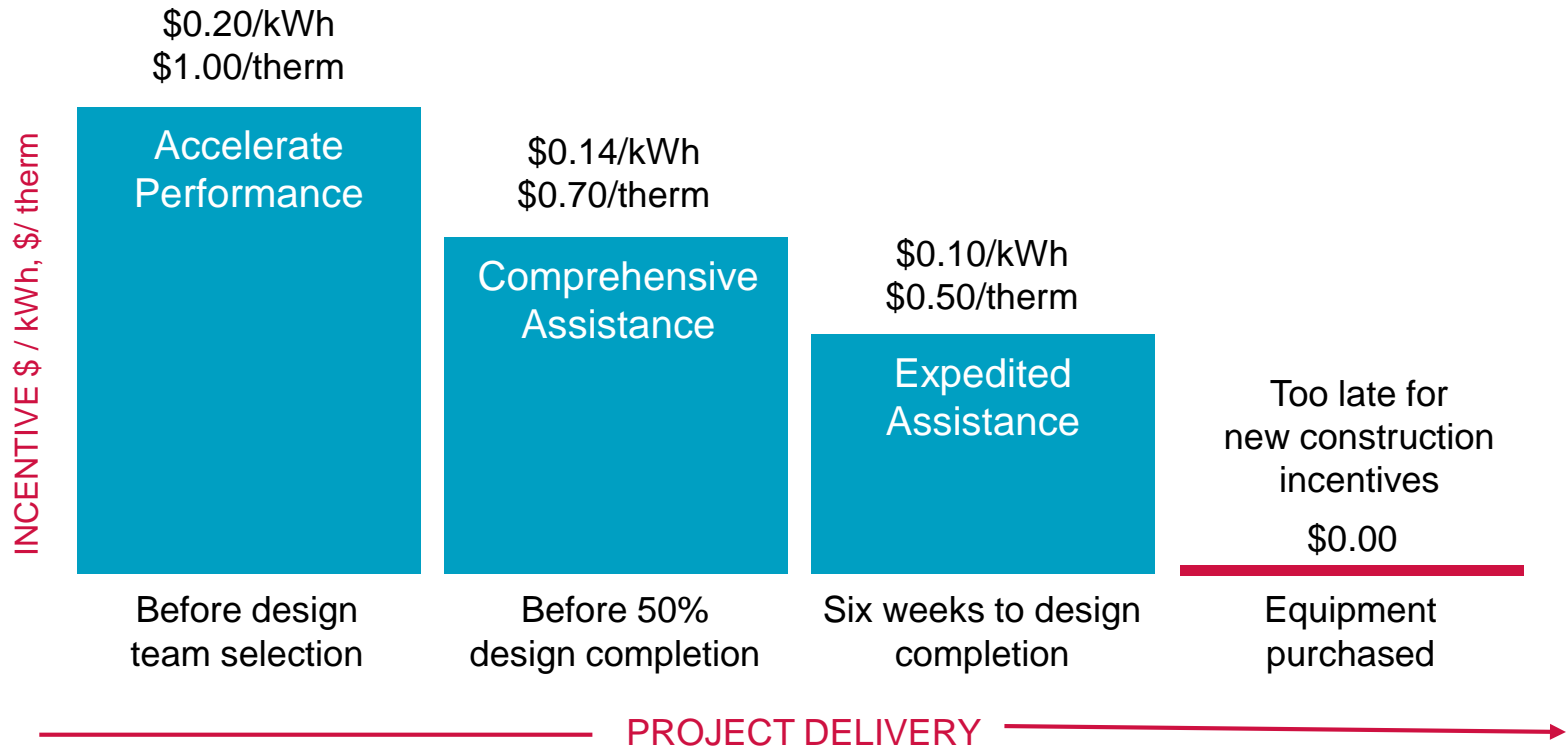
- ✓ **Must apply for pre-approval** to ensure project funding is reserved.
- ✓ Pre-application (scope of work, specification sheets, W-9 form and implementation must be completed by December 31 for 2018 incentives.
- ✓ Final paperwork due 60 days after competition (or by February 28, 2019) to receive 2018 incentive levels.
- ✓ Wait for reservation letter before starting project; allow three to four weeks.

# New Construction

- ✓ Incentives and technical assistance to encourage surpassing energy codes and standards in building design.
- ✓ Limited to new construction projects, or additions and renovations exceeding 5,000 sq. ft.
- ✓ Must be early in planning stage; projects submitted too late may receive a reduced incentive rate or may be ineligible.

# New Construction Incentives

- ✓ Higher \$/kWh earned for earlier engagement.



# Instant Discounts

New!

- ✓ High-efficiency lighting at reduced prices (30-70%) from participating distributors.
  - Link to participating distributors can be found at [ComEd.com/InstantDiscounts](http://ComEd.com/InstantDiscounts)
- ✓ Ways to participate:
  - No contract is required, buy from *any* distributor in the program and get the discount.
  - If your organization already has an existing blanket contract with one of these participating distributors then you can take advantage.
  - Let us know if your distributor isn't on our list – we're always looking for qualified distributors!
- ✓ No additional paperwork or application required.



# Facility Assessments

- ✓ Energy assessments to help identify energy efficiency improvement opportunities and incentives.
- ✓ Assessments types:
  - Facility Assessment
    - FREE 2 hour walk through of facility or site ASHRAE Level 1
  - Data Center Assessment
    - FREE multi-day ASHRAE Level 2 audit

# Business Energy Analyzer

- ✓ Free online energy analytics tool for customers utilizing data from customers smart meters available at [ComEd.com/BEA](http://ComEd.com/BEA)
  - Log in using account number and zip code
  - Energy tracking dashboard with easy-to-use, exportable energy data
  - Benchmarks against similar facilities or multiple locations
  - Energy efficiency recommendations
  - Identification of customers with high potential savings
    - Poor response to hot weather compared to peers
    - Poor shutdown practices during off-hours
    - Operational opportunities

# Retro-Commissioning (RCx)



Goal: Help customers save energy by **identifying and implementing low-cost improvements** to building operations

- Control of building systems such as HVAC and lighting
- Opportunities for gas as well as electric savings
- Identification of equipment retrofit opportunities and available incentives
- Target simple paybacks < 18 months



What makes a good project?

- Customer buy-in
- Building automation system
- No major retrofits planned
- Can be a great next step after equipment upgrades



# RCx Options

NAME	TARGET BUILDING SIZE	INCENTIVE	PROJECT DURATION
Retro-Commissioning	Greater than 500,000 ft <sup>2</sup>	Study worth up to \$100,000	10 - 12 months
RCxpress	150,000 to 500,000 ft <sup>2</sup>	Study worth up to \$60,000	6 - 9 months
RCx Building Tune-Up	Less than 150,000 ft <sup>2</sup>	Study worth up to \$25K, plus \$0.04 per verified kWh	1 - 3 months
Monitoring-Based Commissioning (MBCx)	Greater than 150,000 ft <sup>2</sup>	\$15K or \$25K for software installation, plus \$0.08 per verified kWh	12+ months
Energy Advisor	Smaller buildings	Free analysis and technical assistance	1-3 months

# Industrial Systems



- ✓ Provides a blueprint for optimizing large, complex systems
  - Compressed Air, Process Cooling, Industrial Refrigeration
- ✓ Eligibility
  - ComEd Customer
  - Peak demand greater than 100 kW and less than 10,000 kW
  - Have not completed a ComEd study at your facility within the last 5 years
- ✓ Customer required to meet minimum implementation requirements in exchange for funding of the study by the program

# Industrial Systems Program Offerings

OFFERING	CUSTOMER CRITERIA	INCENTIVE
Compressed Air Comprehensive Study	<ul style="list-style-type: none"> <li>• <math>\geq 200</math> hp</li> <li>• Repair 50% leak volume or at least 1 leak per 5 hp</li> </ul>	<ul style="list-style-type: none"> <li>• \$0.07/kWh</li> <li>• Up to 100% of project costs</li> </ul>
Industrial Refrigeration Comprehensive Study	<ul style="list-style-type: none"> <li>• <math>\geq 200</math> hp</li> <li>• At least \$15k identified measures</li> </ul>	<ul style="list-style-type: none"> <li>• \$0.07/kWh</li> <li>• Up to 100% of project costs</li> </ul>
Process Cooling Comprehensive Study	<ul style="list-style-type: none"> <li>• <math>\geq 125</math> tons</li> <li>• At least \$15k identified measures</li> </ul>	<ul style="list-style-type: none"> <li>• \$0.07/kWh</li> <li>• Up to 100% of project costs</li> </ul>
Compressed Air Express Study	<ul style="list-style-type: none"> <li>• 50-200 hp</li> <li>• Repair 50% leak volume or at least 1 leak per 5 hp</li> </ul>	<ul style="list-style-type: none"> <li>• \$0.07/kWh (6)</li> <li>• Standard (4)</li> <li>• Up to 100% of project costs</li> </ul>
Compressed Air Leak Repair	<ul style="list-style-type: none"> <li>• <math>\geq 50</math> hp</li> <li>• Repair 50% leak volume or at least 1 leak per 5 hp</li> </ul>	Up to \$12/hp for non-backup compressors

# Public Sector Support

New!

## ✓ Outreach Service Providers

- ERC (Energy Resource Center at University of Illinois at Chicago) and MEEA (Midwest Energy Efficiency Alliance)
  - Will provide program and project design and development and application assistance to K-12 school districts.
- SEDAC (Smart Energy Design Assistance Center) at University of Illinois at Urbana-Champaign
  - Will provide program and project design and development and application assistance to community colleges and for retro-commissioning
- Enovation Partners
  - Will provide program and project design and development and application assistance to public universities.

New!

## ✓ Building Operator Certification

- Program provides training to building owners to improve the control and operation of their buildings.
  - Offered in partnership with MEEA.

# School Focused Webinar - [ComEd.com/SchoolsWebinar](http://ComEd.com/SchoolsWebinar)

**ComEd.**  
Energy Efficiency Program

Attend a free webinar  
April 19 to learn how

**SCHOOLS CAN  
SAVE MONEY**



# Contact Us

- ✓ For more information, visit:  
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- ✓ Register for our newsletter:  
[ComEd.com/BizEmail](https://www.comed.com/BizEmail)
- ✓ Questions? Contact us at:  
[PublicSectorEE@ComEd.com](mailto:PublicSectorEE@ComEd.com) or 855-433-2700.

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