

New Construction Measure Incentive Reservation Project and Owner Information (required)

January 1, 2024 through December 31, 2024

DIRECTIONS: Please save a copy of this form to your computer by selecting "FILE/SAVE AS" before entering text and numbers. Then fill in your information electronically and select "SAVE." Note that this form requires the current Adobe Reader® version to function properly. Download the most recent version of Adobe Reader® at <https://get.adobe.com/reader/>.

SECTION 1: Project Information

Project Name:	Contact Name:		
Project Address:	City:	State: IL	ZIP Code:

SECTION 2: ComEd Customer Information

Contact Name:			
Company (Anticipated recipient of incentive payment):			
Business Address:	City:	State: IL	ZIP Code:
Business Telephone:	Email:		
ComEd Account Number:	Electric Choice ID (optional):		

SECTION 3: Estimated Savings and Incentives (subject to change at verification)

Estimated First Year Electric Savings (kWh)	Estimated First Year Natural Gas Savings (therms)	Estimated Measure Incentive (\$)	
		Electric	Natural Gas

SECTION 4: Customer Signature

As an eligible current (or future) ComEd customer, I confirm plans to implement the measures indicated on the attached summary report, and acknowledge I am independently responsible for the completion of the project. I also acknowledge that I have read and agree to the terms and conditions found in the application. I verify that I have authority to submit this reservation form, confirm that the information is correct, and request incentives to be reserved for the above project. I agree to immediately inform the ComEd new construction team of changes to project completion time frame, and acknowledge that unreported project completion delays can result in program incentive ineligibility.

Customer Signature:	Print Name:
Date:	

Please be aware that legislation requires ComEd to collect measure installation information. Prior to any incentive or rebate payout, the ComEd Energy Efficiency Program is responsible for verifying that an Energy Efficiency Service Provider or installing contractor is certified, and recertified by the ICC by June 1st each year, for the installation of applicable measures. This does not apply to customers who choose to self-install the applicable measure(s). Information concerning ICC certification and recertification requirements, instructions and rules can be found at: [ICC EE Installer Certification](#).

- I acknowledge that pursuant to Section 16-128B of the Illinois Public Utilities Act, ComEd cannot issue certain incentives or rebates unless it is provided with:
1. certification that measures were self-installed by the ComEd customer, or
 2. evidence that the measures were installed by an installer certified with the Illinois Commerce Commission.

Select how energy efficiency measures will be installed:

- I will use my own staff to self-install my project
- I will purchase equipment from a contractor, but will use my own staff to self-install my project
- I will use an ICC Certified trade ally, contractor or subcontractor to install my project where the incentive per measure is greater than \$300.
(A ComEd outreach professional will contact you at the time of measure incentive reservation to collect installer information)

AURORA PUBLIC WORKS FACILITY

2185 Liberty St, Aurora, IL 60502

Analyzed by Simon Brooks

Project Number 1203

Project Status: Reservation

4/29/2024

The Aurora Public Works Project is a 199,027 SF building - 28,331 SF of office space and 170,696 SF of warehouse/fleet storage space. The warehouse space will be heated by gas-fired makeup air units and the offices will be heated and cooled by direct expansion rooftop units and condensing boilers. This report presents the energy cost savings and incentives associated with the implementation of the listed energy conservation measures that exceed code requirements (IECC 2018- Efficient Lighting).

INCENTIVE SUMMARY

ComEd New Construction Offering	Incentive	Annual Energy Cost Savings	Area (gsf)
Office Best Practices	\$3,116	\$6,326	28,331
Warehouse Best Practices	\$15,363	\$23,508	170,696
Total	\$18,479	\$29,833	199,027
Design Incentive	\$1,370		

ENERGY EFFICIENCY MEASURE DETAILS

Office Best Practices	Incentive	Baseline Value	Achieved Value	Value Units
0 Baseline				A building meeting IECC 2018 energy code with compliance through Section C406.3, Reduced Lighting Power.
1 Windows	\$142			Total vision glass area may not exceed 40% of the above-grade wall area. Glazing assemblies (glass plus frame) area-weighted average: • U-Factor 0.28 • SHGC 0.35 (South, East, and West only) Class AS Windows: • Fixed Window U-Factor 0.36 • Operable Window U-Factor 0.43 • SHGC 0.35 (South, East, and West only) Storefront windows must meet code minimum performance. Documentation requirements include: Construction drawings or specifications
2 Interior Lighting Power	\$283	0.54	0.53	Install LED fixtures to achieve 0.53 Watts/gsf or lower in office areas. Documentation requirements include: Approved submittal with fixture power and count or updated ComCheck report and visual site inspection
3 Interior Lighting Controls	\$142			Add occupancy sensors in open offices. Program lighting controls to full shutoff after 10 minutes for open office areas. Documentation requirements include: Visual inspection and functional test upon site visit

4 Exterior Lighting Power	\$283	0.060	0.030	Install LED fixtures to achieve 0.03 Watts/sf or lower for parking and drive areas. Documentation requirements include: Approved submittal with fixture power and count or updated ComCheck report and visual site inspection
5 Exterior Lighting Controls	\$142			Achieve 70% power reduction or greater during unoccupied nighttime periods through time-clock dimming, zone shutoff and/or motion controls. Documentation requirements include: Visual inspection and functional test upon site visit
6 Efficient Cooling Equipment	\$1,133	10.3	18	Install efficient cooling equipment with rated efficiency 10% higher than code minimum or meeting CEE Tier I requirements. Documentation requirements include: Manufacturer's product data and visual inspection upon site visit
7 Demand-controlled Ventilation	\$283			Install ventilation controls based on CO2 sensors in open office areas, in addition to conference rooms and other high-occupancy spaces, and program control sequences to reduce outside air volume during periods of low occupancy. Documentation requirements include: Approved control submittal or review of BMS sequence or visual inspection upon site visit
8 Low-flow Plumbing Fixtures	\$142			Install low-flow plumbing fixtures. Kitchen and restroom faucets must be rated for 1.5 gallons per minute or less, and showerheads must be rated for 2.0 gallons per minute or less. Documentation requirements include: Construction drawings or
9 Heating Efficiency	\$566	80	96	Install efficient gas-fired heating equipment rated at 96% heating efficiency or higher, or install efficient electric heating equipment with rated efficiency meeting CEE Tier I requirements. Documentation requirements include: Manufacturer's product data and visual inspection upon site visit

Warehouse Best Practices	Incentive	Baseline Value	Achieved Value	Value Units
0 Baseline				A building meeting IECC 2018 energy code with compliance through Section C406.3, Reduced Lighting Power.
1 Interior Lighting Power	\$8,535	0.38	0.30	Install LED fixtures to achieve 0.30 Watts/gsf or lower for warehouse areas. Documentation requirements include: Approved submittal with fixture power and count or updated ComCheck report and visual site inspection
2 Interior Lighting Controls	\$1,707			Install fixture-mounted occupancy sensors and program for full shutoff within 10 minutes of vacancy. Documentation requirements include: Visual inspection and functional test upon
3 Exterior Lighting Power	\$1,707	0.060	0.030	Install LED fixtures to achieve 0.03 Watt/sf or lower and 8 Watts/ft (linear) or lower for pedestrian and vehicular entrances and exits. Documentation requirements include: Approved submittal with fixture power and count or updated ComCheck report and visual site inspection

4 Exterior Lighting Controls**\$854**

Achieve 70% power reduction or greater during unoccupied nighttime periods through time-clock dimming, zone shutoff, and/or motion controls. Documentation requirements include: Visual inspection and functional test upon site visit

5 Direct-fired Make-up-air Units**\$2,560****80****92**

Install heating equipment with rated thermal efficiency of 92% or higher. Documentation requirements include: Manufacturer's product data and visual inspection upon site visit

All energy savings calculations in this report are estimates. Incentives are preliminary until approved by the utility. Energy efficiency measures are applied progressively in the order shown; each row of results includes the effects of all measures listed above. The analysis assumes average energy prices of \$0.097 per kWh electricity and \$1.010 per therm natural gas. © Commonwealth Edison Company, 2024. The ComEd Energy Efficiency Program is funded in compliance with state law.



**Energy
Efficiency**