

**DATA CENTER APPLICATION**  
June 1, 2011 through May 31, 2012

**DATA CENTER INCENTIVES**

**HOW TO PARTICIPATE IN SMART IDEAS FOR YOUR BUSINESS®**

**1. CHECK PROJECT AND EQUIPMENT ELIGIBILITY**

- ✓ Project must be a new improvement at an existing facility or new construction, gut rehab, or expansion of IT space that results in a permanent reduction in electrical usage (kWh).
- ✓ All installed equipment must meet or exceed the specifications you provide in your application and be installed in facilities served by ComEd. Customers must have a valid ComEd account number on a ComEd non-residential rate.

**2. SUBMIT PRE-APPROVAL APPLICATION\* TO RESERVE FUNDS**

- ✓ We strongly recommend that you submit a pre-approval application to set aside or “reserve” the incentive for your project and receive verification that the project plan meets program criteria. Pre-approval may be required for some types of projects.
- ✓ For pre-approval, fill out and submit the Applicant Information form (check the “Pre-Approval” box) and include all energy-saving calculations for available incentives for the measures that you plan to install. Be sure to keep a copy of the application and calculations for your records.
- ✓ Once submitted, your application will be reviewed. Upon approval, incentive funds for your project will be set aside for six months or approved schedule. A pre-installation inspection may be required. If so, you may be contacted to schedule a pre-installation inspection.

**3. INSTALL EQUIPMENT OR PERFORM PROJECT WORK**

- ✓ The incentive reservation allows you six months to complete your project. Contact ComEd’s *Smart Ideas*® team for specific questions about reservations and extensions.

**4. SUBMIT FINAL APPLICATION**

- ✓ Submit a final application after the project is completed. You may simply revise the pre-approval application and check the “Final Application” box. The final application must be submitted within 60 days of the project completion date. The Final Application must include the Final Application Agreement page signed by the customer and meter owner (if different from customer). Additionally, attach the following documentation: a scope of work (detailed project description), dated and itemized invoices for the purchase and installation of all equipment installed, and specification sheets for all equipment installed verifying that it meets the program specifications.
- ✓ The program team will review your final application. You may be contacted during the final review to schedule a post inspection.

**5. RECEIVE INCENTIVE PAYMENT**

- ✓ The incentive is based on a one-time payment of 8¢/kWh up to 50% of the total cost of the project or 18 months simple payback. Projects completed after the reservation period will be paid based on the prevailing rate.
- ✓ The incentive check will be sent four to six weeks after the final project approval.

**Submit Application to:**  
**Questions Call:**

**SIDataCenters@ComEd.com**  
**888-806-2273**

\*Pre-Approval Application

Data Center applications and certain measures on incentive applications may require a pre-approval application to reserve funding. The actual incentive will be based on the equipment installed and the energy savings as determined in the final application. Funds will be reserved for 6 months or approved schedule unless an applicant is granted an extension. The program team reserves the right to contact the customer before the reservation expiration date to ensure that the project is moving forward. If the project is not underway, the reservation will be cancelled. Funds that have been reserved are not transferable to other projects, facilities and/or customers. A waiting list may be established if funds become fully subscribed.

# APPLICATION INFORMATION (REQUIRED)

**Use for both pre-approval and final application. Keep a copy for your records.**

Application Date \_\_\_\_\_

Pre-Approval

Attach (if necessary):

Incentives worksheet for measures installed

Specification sheets for new equipment

Final Approval

Estimated Project Completion Date \_\_\_\_\_

## APPLICANT INFORMATION

NAME OF COMPANY	NAME AS IT APPEARS ON YOUR UTILITY BILL
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BUSINESS TYPE (Check all that apply)

<input type="checkbox"/> Corporate Data Center	<input type="checkbox"/> Collocation Facility	<input type="checkbox"/> Telecom
<input type="checkbox"/> Server Closets/Rooms	<input type="checkbox"/> Internet Data Center	<input type="checkbox"/> Other _____

NAME OF CONTACT PERSON	TITLE
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TELEPHONE (            )	FAX (            )
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E-MAIL ADDRESS \_\_\_\_\_

ADDRESS WHERE MEASURES INSTALLED \_\_\_\_\_

CITY WHERE MEASURES INSTALLED	STATE	ZIP + 4
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YOUR MAILING ADDRESS \_\_\_\_\_

YOUR CITY	STATE	ZIP + 4
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COMED ACCOUNT NUMBER (WHERE MEASURES INSTALLED) \_\_\_\_\_

COMED ACCOUNT MANAGER	TAXPAYER ID NUMBER (SS N/FEDERAL EIN)
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TAX STATUS FROM W9

Individual/Sole Proprietor    Corporation    Partnership    Limited Liability Company    Exempt    Other \_\_\_\_\_

Enter tax classification \_\_\_\_\_ (D=disregarded entity   C=corporation   P=partnership)

CONTRACTING COMPANY (If applicable)	CONTRACTOR CONTACT NAME
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CONTRACTOR PHONE (            )	CONTRACTOR E-MAIL
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CONTRACTOR MAILING ADDRESS \_\_\_\_\_

CONTRACTOR CITY	STATE	ZIP + 4
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## FACILITY INFORMATION

SIZE OF IT SPACE (sq. ft.)	IT LOAD (kW)	IF NEW CONSTRUCTION OR GUT REHAB, SIZE OF NEW IT SPACE (sq. ft.)
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ANNUAL ELECTRICITY USAGE – \$	Annual kWh	PUE IF KNOWN
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## ENERGY CONSERVATION MEASURES

PLEASE CHECK ONE:  Equipment Installation, Retrofit, or Commissioning  New Construction, Gut Rehab, Expansion of IT Space

DO YOU HAVE A TECHNICAL SERVICES PROVIDER (TSP) OR TRADE ALLY (TA)? <input type="checkbox"/> YES <input type="checkbox"/> NO	WOULD YOU LIKE TO REVIEW A LIST OF TSPs OR TAs? <input type="checkbox"/> YES <input type="checkbox"/> NO
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PLEASE CHECK THE BOXES BELOW FOR YOUR CURRENT ENERGY FOCUS. IF YOU HAVE A LIST OF ENERGY PROJECTS THAT ARE UNDER DEVELOPMENT, PLEASE ATTACH TO THIS APPLICATION.

FACILITY <input type="checkbox"/> Cooling <input type="checkbox"/> Airflow Optimization <input type="checkbox"/> UPS/Power Distribution <input type="checkbox"/> VFDs <input type="checkbox"/> Lighting	IT INFRASTRUCTURE <input type="checkbox"/> Virtualization <input type="checkbox"/> Power Management Strategies <input type="checkbox"/> Server Refresh <input type="checkbox"/> Telecom Switch Upgrade <input type="checkbox"/> Storage Consolidation <input type="checkbox"/> Other _____
ESTIMATED PROJECT BUDGET (if known)? <input type="checkbox"/> DO NOT KNOW \$ _____	ESTIMATED ENERGY SAVINGS (if known)? <input type="checkbox"/> DO NOT KNOW kWh (annual) _____

## WISH LIST

IF YOU DO NOT HAVE A SPECIFIC PROJECT IN MIND, BUT YOU DO HAVE CERTAIN NEEDS, PLEASE CHECK THE APPROPRIATE AREA(S) THAT NEED ATTENTION:

<input type="checkbox"/> We need a comprehensive energy audit for the data center <input type="checkbox"/> We need to benchmark our data center <input type="checkbox"/> We need to develop a carbon reduction plan or a master plan <input type="checkbox"/> We need a CFD analysis to find hot spots in data center <input type="checkbox"/> We need to add VFDs to our cooling systems <input type="checkbox"/> We want to implement in-rack cooling <input type="checkbox"/> We want to implement free cooling <input type="checkbox"/> We want to reconfigure data center to use hot-aisle/cold-aisle configuration <input type="checkbox"/> We need new energy-efficient lighting <input type="checkbox"/> We have aging chillers/CRAC/CRAH units <input type="checkbox"/> We think there are inactive servers	<input type="checkbox"/> We need new servers <input type="checkbox"/> We need to implement virtualization <input type="checkbox"/> We need to meter data center energy consumption <input type="checkbox"/> We need more capacity (electricity) <input type="checkbox"/> We need more capacity (computing/storage) <input type="checkbox"/> We know the data center energy consumption but need to meter <input type="checkbox"/> We need a BMS or a system that allows monitoring and control of data center energy use of individual components (i.e. servers, CRAC units, etc.) energy use <input type="checkbox"/> Our monitoring system is outdated, not working properly, or does not exist Other _____
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## ADDITIONAL PROJECT INFORMATION

PLEASE INCLUDE ANY PROJECT DOCUMENTS THAT MIGHT BETTER HELP EXPLAIN THE PROJECT OR ESTIMATED ENERGY SAVINGS. PLEASE INCLUDE THINGS SUCH AS SPREAD SHEETS, VENDOR QUOTES, OR THIRD PARTY ENERGY AUDITS.

# FINAL APPLICATION AGREEMENT

As an eligible Commonwealth Edison Company (ComEd) customer, I certify that work was completed on this project between June 1, 2011 and May 31, 2012. My decision to acquire and install the energy-efficiency measures can be demonstrated by documentation indicating contract dates after March 1, 2011. The energy-efficiency measures are for use in my business facility and not for resale.

I understand that project documentation, including product specification sheets and copies of dated invoices for the purchase and installation of the measures, is required, and I am submitting that documentation with this final application. (Further information on documentation requirements is available by calling the program hotline at 888-806-2273 or e-mailing SIDataCenters@comed.com)

I understand that the location or business name on the invoice must be consistent with the application information. Final applications and all required supporting documentation must be received by May 15, 2012.

I agree to verification by ComEd or their representatives of both sales transactions and equipment installation.

I understand that these incentives are available to all customers who pay into the Energy Efficiency and Demand Response Adjustment (Rider EDA) and receive their electricity over ComEd wires, regardless of retail electric supplier.

I certify that the information on this application is true and correct, and that the taxpayer ID number and tax status is the applicant's. I understand that incentives over \$600 will be reported to the IRS unless the applicant is exempt or a corporation.

I agree that if: (1) I do not install the related product(s) identified in my application or (2) I remove the related product(s) identified in my application before a period of five years or the end of the product life, whichever is less, then I shall refund a prorated amount of incentive funds to ComEd based on the actual period of time in which the related product(s) were installed and operating (or the full amount if the product was never installed). This is necessary to assure that the project's related energy benefits will be achieved.

I understand that the program may be modified or terminated without prior notice.

I understand that the final application and all required documentation must be received by the ComEd *Smart Ideas for Your Business* program within 60 days of project completion. All equipment must be purchased and installed prior to submitting the final application.

I understand that this project must involve a facility improvement that results in improved energy efficiency. I understand that replaced equipment must be permanently removed. I also understand that all materials removed, including lamps and PCB ballasts, must be permanently taken out of service and disposed of in accordance with local codes and ordinances. Resale of replaced equipment is prohibited. I understand it is my responsibility to comply with any applicable codes or ordinances. (Information about hazardous waste disposal can be found at: [www.epa.gov/epawaste/hazard/index.htm](http://www.epa.gov/epawaste/hazard/index.htm).)

In no case will ComEd pay more than 100 percent of the incremental measure costs and 50 percent of the total cost of the project. I understand that ComEd or their representatives have the right to ask for additional information at any time. ComEd's *Smart Ideas for Your Business* program will make the final determination of incentive levels for this project.

The program has a limited budget. Applications will be processed until allocated funds are reserved or spent. Final applications must be received by May 15, 2012, to be eligible for funding in Program Year 4.

I understand that my company may be recognized as a program participant in promotional materials; however, project details will not be released without prior consent. If I choose to opt out of any recognition, I will indicate my choice in a written letter.

I understand that ComEd does not guarantee the energy savings and does not make any warranties associated with the measures eligible for incentives under this program and, further, that ComEd has no obligations regarding and does not endorse or guarantee any claims, promises, work, or equipment made, performed, or furnished by any contractors or equipment vendors that sell or install any energy-efficiency measures.

I understand that in the event the application received pre-approval and funds were reserved based upon the application, such pre-approval or reservation, including the specific dollar amount of reservation, did not represent a guarantee that such funds will be paid. Payment of incentives will be based upon the final application and program terms and conditions, as well as the availability of funds.

I have read and understand the program requirements, measure specifications and terms and conditions set forth in this application and agree to abide by those requirements. Furthermore, I concur that I must meet all eligibility criteria in order to be paid under this program.

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Attach the following:

- Updated scope of work       Dated itemized invoices for purchase and installation       Spec sheets

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Applicant must initial either or both of the items below.

INITIAL  The program identified new energy conservation measures that I have implemented

INITIAL  The incentives provided through the program allowed me to meet the necessary financial payback requirements of \_\_\_\_\_ months enabling me to perform the work

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CUSTOMER SIGNATURE (COMED CUSTOMER)

PRINT NAME

DATE

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**FOR FINAL APPLICATIONS, SIGN AND SUBMIT ONLY AFTER ALL EQUIPMENT HAS BEEN INSTALLED.  
A CUSTOMER SIGNATURE IS REQUIRED FOR PAYMENT**

# PAYMENT RELEASE AUTHORIZATION (OPTIONAL)

Complete this section ONLY if incentive payment is to be paid to an entity other than the ComEd customer listed on the Applicant Information page.

I am authorizing the payment of the incentive to the third party named below and I understand that I will not be receiving the incentive payment from ComEd. I also understand that my release of the payment to a third party does not exempt me from the program requirements outlined in the measure specifications and Terms & Conditions.

## AUTHORIZED BY:

CUSTOMER SIGNATURE (COMED CUSTOMER)	PRINT NAME	DATE
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### Checks should be made payable to:

PAYEE: COMPANY/INDIVIDUAL NAME

MAILING ADDRESS

CITY	STATE	ZIP + 4
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TELEPHONE

TAXPAYER ID NUMBER (SSN/Federal EIN)	TAX STATUS FROM W9 <input type="checkbox"/> Partnership <input type="checkbox"/> LLC <input type="checkbox"/> Individual <input type="checkbox"/> Corporation <input type="checkbox"/> Exempt <input type="text"/> Enter tax classification (D=disregarded entity C=corporation P=partnership)
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# TERMS AND CONDITIONS

Commonwealth Edison Company (ComEd) is offering incentives under the ComEd *Smart Ideas for Your Business*<sup>®</sup> program to facilitate the implementation of cost-effective, energy-efficiency improvements for non-residential (commercial and industrial) customers.

Funds are limited and subject to availability.

## PROGRAM EFFECTIVE DATES

*Smart Ideas for Your Business* energy-efficiency incentives are offered until approved funds are exhausted or May 31 of each program year, whichever comes first. The effective dates of Program Year 4 (June 1, 2011, through May 31, 2012) of the *Smart Ideas for Your Business* program, and application submittal requirements are as follows:

- ✓ Projects with a final completion date before June 1, 2011, are not eligible for an incentive.
- ✓ All Program Year 4 *Smart Ideas for Your Business* projects must be completed and final applications received no later than May 15, 2012.
- ✓ Subsequent program year budgets and plans will be made available toward the end of the existing program year. At the current time, ComEd has a commitment to provide this program through May 31, 2012.

## PROGRAM AND PROJECT ELIGIBILITY

The *Smart Ideas for Your Business* program offers both prescriptive incentives for some of the more common energy-efficiency measures and custom incentives for those eligible improvements not included on the list of prescriptive measures. Program incentives are available under the *Smart Ideas for Your Business* program to non-residential customers within ComEd's service territory. These incentives are available to all non-residential customers who pay into the Energy Efficiency and Demand Response Adjustment (Rider EDA) and receive their electricity over ComEd wires, regardless of retail electric supplier.

Public buildings such as government buildings, municipal facilities and public schools should refer to the Illinois Department of Commerce and Economic Opportunity (DCEO) Program ([www.illinoisenergy.org](http://www.illinoisenergy.org)).

Custom projects must involve measures that result in a reduction in electric energy usage due to an improvement in system efficiency. Projects that result in reduced energy consumption without an improvement in system efficiency are not eligible for a custom incentive. However, projects that involve an automated control technology such as energy management system programming may be eligible for an incentive. All projects must meet ComEd's cost-effectiveness requirements.

Projects involving measures covered by the prescriptive incentive portion of the program are not eligible for a custom incentive. However, the applicant has the option to apply for a custom incentive for projects that involve a combination of prescriptive incentive measures and measures that are not eligible for prescriptive incentives. For example, an airflow management project that includes a VFD on a CRAH unit

could be a custom project even though the VFD would normally go through the prescriptive portion.

Project requirements under the *Smart Ideas for Your Business* program include the following:

- ✓ Projects must involve new equipment installed at an existing facility that results in a permanent reduction in electrical energy usage (kWh).
- ✓ Equipment must be installed and operational.
- ✓ Projects that are NOT eligible for an incentive include the following:
  - Fuel switching (e.g. electric to gas or gas to electric)
  - Changes in operational and/or maintenance practices or simple control modifications not involving capital costs
  - On-site electricity generation
  - Projects involving gas-driven equipment in place of electric equipment (such as a chiller)
  - Projects focused primarily on power factor improvement
  - Projects that involve peak-shifting (and not kWh savings)
  - Renewables
- ✓ Any measures installed at a facility must be sustainable and provide 100 percent of the energy benefits as stated in the application for a period of five years or for the life of the product, whichever is less. If the customer ceases to be a delivery service customer of ComEd, or removes the equipment or systems at any time during the five-year period or the life of the product, the customer may be required to return a prorated amount of incentive funds to ComEd.

## INCENTIVE PAYMENT LIMITS

For both the prescriptive and custom programs, the total incentive paid cannot exceed 100 percent of the incremental measure cost and 50 percent of the total project cost or result in an 18-month simple payback. The definition of incremental measure cost depends on whether the measure being installed is considered to be a replacement or a retrofit. For replacement measures, the incremental measure cost is defined as the cost to purchase and install the energy-efficient equipment minus the cost to purchase and install similar equipment that would meet federal and local energy standards but not qualify for an incentive under this program. For retrofit measures, the incremental measure cost is simply the cost to purchase and install the qualifying measures. Contractor labor costs can be considered in the project cost. Internal customer labor costs cannot be included in the project cost.

Customers may receive up to \$1 million per program year (June 1 through May 31), per facility, for any combination of prescriptive or custom incentives.

A "facility" is defined as contiguous property for which a single customer is responsible for paying the ComEd electricity bill.

# TERMS AND CONDITIONS

## FINAL APPLICATION

The final application must be submitted within 60 days of project completion. Project documentation, including dated invoices for the purchase and installation of the measures and product specification sheets, is required.

The location or business name on the invoice must be consistent with the application information. Final applications and all required supporting documentation must be received within a year of project submission, to be eligible for funds in the June 1, 2011 to May 31, 2012 program year.

The project invoice must provide sufficient detail to separate the project cost from the cost of other services, such as repairs and building code compliance. ComEd reserves the right to request additional supporting documentation as deemed necessary to ensure measure eligibility and verify that the expected energy savings will occur. All customer information will be held in confidence. Requested information could include equipment purchase dates, installation dates, proof that the equipment is operational, manufacturer specifications, warranty information and proof of customer co-payment.

## APPLICATION REVIEW PROCESS

Pre-approval of an application is not a guarantee that the final application will be approved or a guarantee of an incentive payment. ComEd will review final applications for eligibility and completeness. Completed applications will be reviewed in the order received. Funds are reserved for the project when ComEd receives a complete pre-approval application and determines that the project meets the program eligibility requirements. Applicants who submit incomplete applications will be notified of deficiencies upon review of the application and could lose their place in line in the review process until all requested information is received. Applicants are encouraged to call the program hotline at 888-806-2273 if they have any questions about documentation requirements.

## INSPECTIONS

ComEd reserves the right to inspect all projects to verify compliance with program rules and verify the accuracy of project documentation. This may include pre-installation and/or post-installation inspections, detailed lighting layout descriptions, metering, data collection, interviews and utility bill data analyses. The customer must allow access to project documents and the facility where the measures were installed for a period of five years after receipt of incentive payment by ComEd.

## REQUIREMENTS FOR DATA CENTER PROJECT ELECTRICITY SAVINGS CALCULATION

The annual electricity savings must be calculated for data center projects using industry accepted engineering algorithms or simulation models. The applicant must estimate the annual electricity usage of both the existing

and proposed equipment based on the current operation of the facility. If the existing equipment is at the end of its useful life, the applicant must substitute equipment that would meet the applicable federal and local energy codes when calculating the annual energy savings.

The applicant must be able to clearly describe the method used to calculate the savings. The applicant must provide all assumptions used in the calculations and document the source for these assumptions.

The method and assumptions used by the applicant to calculate the annual savings will be reviewed by ComEd. ComEd is solely responsible for the final determination of the annual energy savings to be used in calculating the incentive amount. ComEd also reserves the right to require specific measurement and verification activities including monitoring both before and after the retrofit and to base the incentive payment on the results of these activities.

ComEd may need to conduct inspections both before and after the retrofit projects to verify equipment and operation conditions. The applicant is required to submit a pre-approval application while the existing equipment is still in operation to allow ComEd the opportunity to verify the existing equipment.

For new construction projects, baselines will be determined by ComEd. Incentive payments will be phased based on facility build out. Payments are subject to change based on changes to baseline.

## TAX LIABILITY

Incentives are taxable and, if more than \$600, will be reported to the IRS unless the customer is tax exempt. ComEd is not responsible for any taxes that may be imposed on your business as a result of your receipt of this incentive.

## DISCLAIMER

ComEd does not guarantee the energy savings and does not make any warranties associated with the measures eligible for incentives under this program. ComEd has no obligations regarding and does not endorse or guarantee any claims, promises, work or equipment made, performed or furnished by any contractors or equipment vendors that sell or install any energy efficiency measures.

In consideration of the services provided by ComEd as part of this program, you agree that, other than the energy cost savings realized by your company, ComEd is entitled to 100% of the benefits and rights associated with the measures, including without limitation PJM products and all other attributes, credits or products associated therewith under any regional initiative or federal, state or local law, program regulation or program, and you waive, and agree not to seek, any right to the same.