



INTRODUCING
DP&L's
**New
Construction
Incentive
Program**
that gives you
cash back
on new energy
efficient
buildings

**Go Green and Reduce Operating
Costs on Your Next New
Construction Project**

DP&L's New Construction Incentive Program encourages building owners to surpass standard building codes. The rebates promote energy efficient design strategies by incenting reductions in the amount of energy that a completed new construction project or major addition would use.

Two Ways to Save

To help our customers save energy and money, DP&L is offering two ways to participate in the New Construction Incentive Program: lighting power density reduction and whole building system energy improvement rebates. Customers can take advantage of either method of saving, but not both.

Eligibility

To be eligible for a rebate, the customer's building permit must be dated on or after January 1, 2010. Application for rebate must be made while the project is in the design phase and the project should be scheduled to be substantially complete within 24 months of acceptance by DP&L. Rebates will be paid only after Certificate of Use and Occupancy is obtained.

Apply Online

Our New Construction rebate application and additional details on the New Construction program can be found at www.dpandl.com/bizrebates.

More Information

For more information and an up-to-date list of eligible products and rebate amounts, visit dpandl.com/bizrebates or contact us at EnergyEfficiency@dplinc.com.

Eligible programs and rebate values are subject to change and apply only to new construction. All DP&L energy programs are subject to Public Utilities Commission of Ohio rules and regulations.

2010

dpandl.com/bizrebates

Lighting Power Density (LPD) Reduction for Interior Lighting

The LPD reduction incentive (Table 1) encourages the inclusion or installation of lighting designs and equipment that provide quality lighting at lower installed wattage. The incentive for reducing lighting power density is calculated on a per square foot basis for LPD performance.

Example:

A fast food restaurant, measuring 40 feet by 80 feet, has two defined areas: dining and food preparation.

Dining Area: 40 ft x 60 ft = 2,400 sf

$$\text{Incentive} = (2.1_{\text{baseline}} - 1.5_{\text{actual}}) \times 2,400 \text{ sf} \times \$0.30/\text{sf}$$

Incentive = \$432.00

Food Prep: 40 ft x 20 ft = 800 sf

$$\text{Incentive} = (1.2_{\text{baseline}} - 1.0_{\text{actual}}) \times 800 \text{ sf} \times \$0.30/\text{sf}$$

Incentive = \$48.00

Total DP&L Incentive = \$480.00

Table 1

Lighting Power Density Reduction	Incentive rate (\$/SF)
For each watt/SF below LPD requirements	\$0.30

$$\text{Incentive} = (\text{LPD}_{\text{baseline}} - \text{LPD}_{\text{actual}}) \times \text{area} \times \$0.30$$

Additional Criteria

1. Lighting power densities must be calculated using the "Space-by-Space" Method in ANSI/ASHRAE/IESNA Standard 90.1-2007, Table 9.6.1. This table is available at www.dpandl.com/bizrebates.
2. Lighting power densities must be based on designs that meet applicable codes and standards and follow industry guidelines for acceptable quantity and quality of light for the space type and tasks.
3. Every new building space must be accounted for in LPD calculations. Documentation must accompany the application.

Whole Building Energy Performance Baseline Improvements

The whole building baseline improvement incentive rewards those customers who design their buildings to be more efficient than a baseline building constructed to ANSI/ASHRAE/IESNA Standard 90.1-2007.

Incentives are calculated using the incentive rate guidelines (Table 2). To receive a measure incentive, a project must achieve an annual electric energy (kWh) and demand (KW) savings of 5% or better than the baseline.

Table 2

Incentive Rate Guidelines		
First Year Annual Electric Reduction	Energy Incentive Rate	Demand Incentive Rate
5-10% over baseline	\$0.05/kWh	\$50/KW
> 10% over baseline	\$0.08/kWh	\$75/KW
> 20% over baseline	\$0.10/kWh	\$100/KW

Additional Criteria

1. Baselines must reference ANSI/ASHRAE/IESNA Standard 90.1-2007.
2. To be eligible for a whole building incentive, customer must provide documentation of an energy model, in accordance with ANSI/ASHRAE/IESNA Standard 90.1-2007, Appendix G. Documentation must include:
 - An output report from the energy modeling tool with explanation of any error messages that appear;
 - Calculated values for the baseline building performance, the proposed design and the percentage improvement;
 - A list of energy efficient measures included in the proposed design that differ from the baseline, accompanied by product specification sheets for each measure.
3. DP&L's New Construction Program may require justification and documentation of design parameters, including energy model files, and DP&L will make final determination of energy and demand reduction values.
4. Renewable generation cannot be included in energy savings calculations.
5. Submission of project shop drawings will be required for rebate payment.