Florida Custom Pre-Application Questionnaire

This is not a Florida Custom application and will not result in incentive approval. This questionnaire is intended to assist customers interested in applying for custom incentives but unsure of project eligibility or the data required for approval. The questionnaire is required prior to submitting a Custom Incentive application. A Custom Incentive application is the only way to receive Custom Incentive pre-approval.

After evaluating the questionnaire, Duke Energy Florida will respond to the customer via email with the following information:

1. Whether or not the project is eligible for custom incentives and, if not, the reason why will be provided. If the project is deemed eligible for Custom Incentives, this does not guarantee that a Custom Incentive will be approved because there could be other factors that prevent an incentive from being provided.
2. Suggestions on how to complete the Custom Incentive application form.
3. Whether or not a similar project has been approved in the past. If so, an indication of the probable incentive amount will be provided.

**Before you consider applying for a Custom Incentive, please note the following important criteria:**

* Incentive approval is required prior to equipment purchase or any other activity that would indicate that the Duke Energy account holder has already decided to proceed with the proposed project.
* Submitting this application does not guarantee an incentive will be approved.
* Equipment eligibility, energy and demand savings calculations requirements change over time. Past approval of similar equipment and/or similar calculations does not guarantee an incentive will be approved. Inquire about eligibility and requirements prior to applying.
* Incentives are paid based on peak demand reduction only.
* Electric demand reductions must be well documented with auditable calculations.
* Project must have a payback of no less than two years.
* Project must not include fuel switching.
* Incentives are limited to 50 percent of the customer’s actual total project cost for the energy efficiency measure(s) and cannot exceed $500,000 for a single project.

If you have any questions, please contact your Duke Energy Florida assessor or the Duke Energy Florida Custom team at [FloridaCustom@duke-energy.com](mailto:FloridaCustom@duke-energy.com?subject=Planning%20Form).

Email your form with any supporting documentation to:

[FloridaCustom@duke-energy.com](mailto:FloridaCustom@duke-energy.com?subject=Planning%20Form)

For more information about our program or to access our Innovation Incentive application:

[Duke-Energy.com/FloridaCustom](https://www.progress-energy.com/florida/business/save-energy-money/energy-efficiency-for-business/innovation-incentive-custom.page)

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**Duke Energy Customer Contact Information**

Company name

Site address       City       State       ZIP

Project contact       Title

Office phone       Mobile phone

Email address

**Equipment Vendor / Contractor / Architect / Engineer**

Company name

Mailing address       City       State       ZIP

Project contact       Title

Office phone       Mobile phone

Email address

**Who is the primary point of contact for technical questions?**

**Duke Energy Florida Commercial Assessor**

**Duke Energy Electric Account Number (if known)**

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**Project Type and Description**

Please classify the building type

|  |  |  |  |
| --- | --- | --- | --- |
| Warehouse | School | Hotel | Multifamily |
| Grocery | Medical | Parking Garage | Industry |
| Office | Retail | Restaurant | Other, describe |

Please indicate the energy-efficient technology (check all that apply)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Heating/Cooling | Window Film | Cool Roof | Thermal Energy Storage | Other,  describe |

Please indicate the type of project

|  |  |  |
| --- | --- | --- |
| New Construction | Major Renovation | Retrofit |

Please provide a brief description of the proposed project

Do you have a building energy model built for this project (see page 5 for examples)?

If so, please indicate which one

Do you have set targets for this project (i.e., 10 percent above Florida Building Code, ENERGY STAR®, LEED certification, etc.)?

Please provide the number of units per building (in the case of a multifamily) and the square footage of the facility

When do you plan to start and complete implementation?

Start date   /    (mm/yyyy) End date   /    (mm/yyyy)

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**Project Status**

Has a purchase order already been issued on the project?  Yes  No

What stage is the project currently at (i.e., planning stage, broke ground, early design, late design, complete, etc.)?

**Project Savings**

If implemented, will the project lower the electric bill?  Yes  No  Don’t know

If yes, will the project result in any of the following (check all that apply)?

Annual electric energy (kWh) reductions; estimated annual kWh savings       kWh

Peak electric summer demand (skW) reductions; estimated annual kW savings       skW

This value will represent the maximum demand reduction between 4 and 5 p.m. in August (ideally at 95 degrees F).

Peak electric winter demand (wkW) reductions; estimated annual kW savings       wkW

This value will represent the maximum demand reduction between 7 and 8 a.m. in January (ideally at 32 degrees F).

**Equipment Life**

How old is the existing equipment?       years

What is the expected remaining life of the existing equipment?       years

What is the expected life of the proposed equipment?       years

**Project Economics**

What is the estimated cost to implement this project? $

What is the simple payback on the proposed project?       years  Don’t know

What incentive will motivate the customer to implement the project? $

**Please include additional questions you have about the Custom Incentive application.**

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**Preferred Customized Calculation Tools**

Please refer to the list below of preferred software tools to use when calculating the baseline electrical usage and the electrical usage of the proposed high-efficiency equipment or system. Click on each software tool to learn more.

|  |  |
| --- | --- |
| **Software Tool** | **Category** |
| [eQuest](http://www.doe2.com/equest/) | Nonresidential retrofits and new construction |
| [EnergyPlus](http://apps1.eere.energy.gov/buildings/energyplus/) | Nonresidential retrofits and new construction; whole building simulation |
| [Carrier® HAP](http://www.commercial.carrier.com/commercial/hvac/general/0,,CLI1_DIV12_ETI11936,00.html) | HVAC |
| [Trane® TraceTM](http://www.trane.com/Commercial/Dna/View.aspx?i=1136) | HVAC |
| [BinMaker®](http://www.interenergysoftware.com/binM/index.htm) | Weather data analysis tool |
| [AFT Fathom](http://www.aft.com/) | Fluid flow analysis for industrial systems |

Note that if a customized or proprietary calculation tool is used, all input and output files must be provided as well as a thorough description of the calculation methodology employed by the tool. All energy savings calculations and models should be accompanied by justification of key assumptions used.