

Emerging Technology Program

Set Stage: Web-based Applicant Data Input Form



Energy
Efficiency
Program

| General Information | |
|---|--|
| One-line product description, including what it does. | |
| What customer need(s) and problem(s) does the product address? | |
| What year did your product become commercially available in North America? | |
| Describe the origin of the product – who developed it, has it undergone significant changes, etc. | |
| Estimated service life (years) | |

| Costs | |
|---|--|
| Current system cost (\$) | |
| Please describe in 2-3 sentences what is included in the system cost – equipment, venting, wiring, piping, etc. | |
| Estimated system cost in 18 months (\$) | |
| What do you expect to drive the cost down in the next 18 months? | |
| Installation cost (\$) | |
| Annual maintenance cost (\$) | |

| Energy Savings Potential | |
|--|--|
| Annual natural gas consumption of this product (therms/year/unit) If the product is not gas-fired, please insert 0. | |
| If your product is not gas-fired, but displaces gas use elsewhere, how much gas does it save annually? (therms/year/unit) If not applicable, please state N/A. | |
| Estimated annual electricity savings (kWh/year/unit). If electricity use increases, enter as a negative number. | |

| Non-Energy Benefits | |
|--|--|
| What improvements does your technology offer over the primary competing product in the market? | |
| Does your technology/practice save water? If yes, how many gallons per year? | |
| Does your technology/practice have wastewater/sewer savings? If yes, how many gallons per year? | |
| Is your technology/practice less expensive to install compared to the primary competing product? If yes, how much less expensive than primary competing product. | |
| Does your technology/practice require fewer hours of annual maintenance than the primary competing product? If yes, please state on average how many few hours of maintenance labor, it saves? | |
| Are there other non-energy benefits that your technology/product offers? | |

| Support and Distribution in Nicor Gas Territory | |
|---|--|
| How many units of your product were installed in Illinois from January 1 to December 31 of last year? | |
| How many total units of your product are projected to be installed in Illinois by December 31 of this year? | |
| Are there distributors, builders, or other trade allies who are already using your product? If yes, please list 2-5 examples. | |

| Commercialization | |
|--|--|
| Has your product been used in any field demonstrations to date? If so, please list and describe. | |
| Has your product been used in other utility energy efficiency programs? If yes, please describe. State no or unknown, if applicable. | |
| Describe the obstacles your product/technology has faced in achieving wide commercialization. | |
| What are the commercial production levels for this product/technology for the current year? State in number of units produced per year. | |
| What are the commercial production levels for this product/technology in five years? State in number of units produced per year. | |
| Summarize the competitive strategy used to gain market share for this product. | |
| Under what conditions do you recommend not installing your product in Nicor Gas Service territory? | |

| Competing Products | |
|--|--|
| What is the primary competing product to your technology? | |
| Initial cost for competing product (\$) | |
| Estimated initial cost in 18 months (\$) | |
| Installation cost (\$) | |
| Annual maintenance cost (\$) | |
| Estimated effective service life (years) | |
| Annual natural gas consumption of this product (therms/year/unit) | |

| Potential Pilot Assessment Information | |
|---|--|
| If your product were to be used in a pilot assessment, do you already have an agreement from a potential site willing to participate? If yes, complete below questions. If no, skip remaining questions. | |
| Potential site location (address) | |
| Potential site type | |
| Name of contact at potential site | |
| Phone number of contact | |
| Email of contact | |