

GAS OPTIMIZATION STUDY PROGRAM APPLICATION

Valid Jan. 1, 2025 - Dec. 31, 2025

Purpose

Gas Optimization Studies provide customers with up to \$20,000 in on-site engineering assistance to identify energy-saving projects. Value of study will be based on proposed estimated therm savings up to \$20,000. Providers' accuracy of savings will be noted in future submittals. The studies identify low- and no-cost projects (with paybacks of 18 months or less) that can help facilities reduce natural gas loads or increase energy efficiency.

Instructions for Use

All Gas Optimization Studies must receive pre-approval from the program BEFORE the study begins. For detailed instructions, please refer to the steps below. If you have any questions, please call **855-849-8928**.

Step 1: Determine Eligibility

To be eligible, a customer must be a private or public multi-family, commercial or industrial facility that is a Peoples Gas or North Shore Gas customer with Service Classification 2 or higher. Eligibility requirements vary by study type. (Customers with Service Classification 5 are exempt from participating). Customers must meet the requirements outlined in the eligibility checklists on page 4, 5 or 6 of this application. Customers that have participated in a ComEd Retro-Commissioning study (RCx, MBCx) in the last 24 months may not be eligible. We would need a copy of the study to verify qualifications.

Step 2: Complete an Application for Pre-Approval

Gas Optimization Studies are limited to an annual budget and are available on a first-come, first-served basis. If funding is fully committed, customers will be notified and may resubmit their applications at a later date. Required documentation includes:

1. The completed application with the customer's signature on page 3.
2. A copy of the study proposal including a detailed scope of work with estimated therm savings and study costs.

Step 3: Facility Assessment

Eligible customers will coordinate with the program team and study provider to provide access to building systems and answer questions on facility equipment and operations during the multi-day site assessment. On-site activities will not exceed four business days. Upon approval of the study, the program team and the site assessment provider will schedule a report delivery meeting to review the findings and prioritize facility

improvements with the customer's representative(s). After set meeting, study provider payment will be processed after energy calculations from provider are reviewed by program team engineers.

Step 4: Payment to Study Provider

After Gas Optimization Study has been completed and presented to the customer. Study provider should provide the following:

1. The completed application with the study provider's information filled out and customer's payment release signature on page 2.
2. Invoice for the services provided.

Step 5: Implementation

Implement identified no-cost and low-cost recommendations to fulfill the requirements. Project documentation will be collected for submittal with final application. Additional program rebates may be eligible for additional measures implemented beyond the requirements. The program team will help customers determine additional rebate opportunities.

Step 6: Bonus Payment and Project Completion

Submit the final application with the customer's signature on page 7 to the program team via mail or email. Documentation that work was performed and any invoices should be submitted with the signed application. The program team will schedule a final meeting to verify implementation and compliance with program requirements. After program review and approval, any additional bonus payment will be determined and processed.

APPLICANT SUBMISSION - Please submit the completed, signed application and required documentation one of two ways:

Option 1: Mail

Peoples Gas/North Shore Gas
Gas Optimization Study Program
5440 N. Cumberland Ave., Ste. 135
Chicago, IL 60656

Option 2: Scan and Email

Attn: Gas Optimization Study Program

Please email applications to:
PGNSGBusiness@FranklinEnergy.com

Applicant Information

| | | | |
|-----------------------------|--|----------------------------|---|
| Customer Account Name: | | Contact Name and Title: | |
| Phone: | | Email: | |
| Installation Address: | | City: | State: ZIP: |
| Mailing Address: | | City: | State: ZIP: |
| Is this a 24-hour facility? | <input type="checkbox"/> Yes <input type="checkbox"/> No | Annual Hours of Operation: | Fuel Type for Space Heating: <input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric |
| Natural Gas Utility: | <input type="checkbox"/> Peoples Gas <input type="checkbox"/> North Shore Gas | Utility Account Number: | |
| Building Type: | <input type="checkbox"/> Office <input type="checkbox"/> Retail/Service <input type="checkbox"/> Warehouse <input type="checkbox"/> Manufacturing <input type="checkbox"/> Grocery <input type="checkbox"/> Healthcare/Medical <input type="checkbox"/> Non-Profit <input type="checkbox"/> Multi-Family <input type="checkbox"/> Religious Facility <input type="checkbox"/> Hotel/Motel <input type="checkbox"/> Restaurant <input type="checkbox"/> College/University <input type="checkbox"/> K-12 School <input type="checkbox"/> Other: _____ | | |

Gas Optimization Study Requested

| | |
|--------------------------|--|
| Study Type: | <input type="checkbox"/> Building Heating Optimization <input type="checkbox"/> Steam Plant Optimization <input type="checkbox"/> Process Heating Optimization |
| Assigned Technical Team: | Team Lead: |

Study Provider Information and Payment Release Authorization

| | | | |
|--|---|-------------------------|-------------|
| Study Provider's Business Name: | | Contact Name and Title: | |
| Phone: | | Email: | |
| Mailing Address: | | City: | State: ZIP: |
| Is Study Provider's Business classified as any of the following? | <input type="checkbox"/> Certified Minority Owned Business <input type="checkbox"/> Certified Woman Owned Business <input type="checkbox"/> Certified Veteran Owned Business <input type="checkbox"/> LGBTQ+ Certified Owned Business <input type="checkbox"/> Certified Disability Owned Business <input type="checkbox"/> Diverse Business, but not certified | | |

I am authorizing the payment of the rebate to the study provider listed above, and I understand that I will not be receiving the rebate payment.

| | |
|---------------------|-------|
| Customer Signature: | Date: |
| Print Name: | |

Common ECMs

- **Demand control ventilation**
 - Prescriptive rebate is only for units with no terminal reheat
 - **Fix leaking valves**
 - Failed open steam traps are included in the Prescriptive Rebate Application but other leaking valves or fittings are not
 - **Year round/process pipe insulation**
 - Space heating pipe insulation is included in the Prescriptive Rebate Application
 - **Condensate recovery**
 - **Reduce lab air changes**
 - **Reduce simultaneous heating and cooling**
 - Chilled water control valve on AHUs has failed
- **Preheat radiant hot water loop**
 - **Preheat steam boiler make up water**
 - **Preheat combustion air for burner**
 - **Vent condenser off DA tank**
 - **Stack economizer**
 - **Destratification fans**
 - **Discharge air temperature reset**
 - **AHU scheduling**
 - **Temperature setpoint setbacks**

** Measures on our Prescriptive Application like boiler tune-ups and steam traps are not to be recommended on studies.

Service Agreement

Important: This Agreement formalizes the commitment between the Peoples Gas and North Shore Gas Energy Efficiency Program and the customer. The Customer acknowledges that the program is accepting risk by providing incentives in the form of engineering fees for Gas Optimization Studies prior to receiving the benefit of natural gas savings that result from implementation of optimization measures. To mitigate the risk, the program requires the Customers to commit to implementation of optimization measures that meet payback criteria up to a maximum amount identified in the Customer liability section below.

Study Provider's Obligation

The Study Provider agrees to:

- Complete the quality study in less than three months
- Include Scope of Services listed in study provider's proposal dated _____.
- Identify a minimum savings of _____ therms per year in custom ECMs, including low-cost and no-cost. Basic prescriptive measures should not be part of the study.
- Include deliverable items listed in study provider's proposal dated _____.
- Present reviewed and approved report to customer with program team. Reports presented without involving program team may result in removal from study provider list.
- A 10% bonus may be provided for studies completed within three months of kickoff meeting/facility assessment. This bonus can be invoiced at the time study provider submits final invoice.

Program Obligation

Study incentive is paid upon acceptance of the proposed study and completion of study presentation to customer alongside program team.

The Peoples Gas and North Shore Gas Energy Efficiency Program agrees to:

- Provide a program team to assist with project management of the Gas Optimization Study.
- Provide a third-party engineering study provider to perform studies, approved by the program engineering team.
- Provide direct payment to the study provider for engineering fees up to a maximum of \$_____, pending review of estimated therm savings.
- If proposed therm savings don't justify engineering fees Peoples Gas and North Shore Gas Energy Efficiency Program have the right to reduce approved fee.

Customer Duties

The Customer agrees to:

- Provide the facility access and staff support (estimated not to exceed 20 hours) needed to facilitate the Gas Optimization Study.
- Participate in the project kickoff, findings presentation and close-out meetings.
- Implement all valid optimization measures identified by the Gas Optimization Study that have a payback less than or equal to 18 months, not to exceed \$_____.
- Show significant progress (or complete compliance) with the low-cost/no-cost ECMs within 120 days of report presentation.
- Agree to the terms and conditions as indicated on page 8.

A \$5,000 Implementation Bonus may be paid out to the Property one of two ways.

1. For implementing Low Cost/No Cost ECMs that total over 20,000 therms within six months from the date of when the report was presented.
2. Capital Investment ECMs that total over 100,000 therms within 12 months from the date when the report was presented.

\$5,000 bonus will be paid out after completing page 8 with a program representative.

Non-Compliance

Customers who drop out of the program either by becoming non-communicative or failing to implement findings must repay engineering fees paid out by the program for Gas Optimization Study fees up to the amount identified in the program obligation section of this document.

Certifications and Signature

By signing this application, I certify, as the building owner or the owner's authorized representative, that I have read and understand the terms and conditions of this agreement and that the information contained within this application is true and factual.

| | | | | | |
|---|--|------------------------------------|--|-------|--|
| Customer Representative Name and Title: | | Customer Representative Signature: | | Date: | |
| Program Representative Name: | | Program Representative Signature: | | Date: | |

Contractor Certifications and Signature

Franklin Energy and Contractor, in consideration of their mutual covenants herein, agree to the performance of professional services by Contractor and the payment for such services by Franklin Energy as set forth within this application and the Agreement.

| | | | | | |
|---|--|--------------------------------------|--|-------|--|
| Contractor Representative Name and Title: | | Contractor Representative Signature: | | Date: | |
|---|--|--------------------------------------|--|-------|--|

Building Heating Optimization Application

Building Heating Optimization offers a thorough review of building automation systems and heating equipment in conjunction with a building operator interview, operational review and maintenance survey to identify high-impact, no- and low-cost modifications to existing systems. Facility owners will be required to implement low-cost and/or quick payback measures (less than 18 months) identified by the Gas Optimization Study. Rebates from the Energy Efficiency Program (prescriptive and/or custom) may be available for measures.

Eligibility Checklist

You must check “Yes” to ALL of the following questions in order for your facility to be eligible:

- ☐ Yes
- Do you have at least 75,000 square feet of conditioned area (heated and cooled) in your facility?
- ☐ Yes
- Is a majority of the building controlled by a building automation system with direct digital controls?
- ☐ Yes
- Is your facility free of major maintenance issues?
- ☐ Yes
- Do you intend to operate the current steam systems for the next three years without major upgrades?
- ☐ Yes
- Are you willing to commit to the implementation of low-cost or quick payback measures? Implementation of these measures should be completed within 12 months of report delivery. (Note: Program guidelines limit required installation to measures with a payback of 18 months or less.)
- ☐ Yes
- Are you willing to dedicate staff time (up to 20 hours) to assist with the on-site assessment?

Facility Information

| | | | |
|-----------------------|-----|--|--|
| Total Area: | ft² | Number of Residents or People in the Building Eight Hours or More Per Day: | |
| Conditioned Area: | ft² | Number of Full-Time Employees on Maintenance Staff: | |
| Year of Construction: | | Manufacturer of Building Automation System (BAS): | |
| Number of Floors: | | Age of Building Automation System: | |
| Percent Occupied: | | Annual Hours of Operation: | |

HVAC System Details

| Plants (check all that apply): | | Distribution (check all that apply): | |
|--|---|---|--|
| <input type="checkbox"/> Air Handler Units | <input type="checkbox"/> Cooling Tower | <input type="checkbox"/> Baseboard, Electric | <input type="checkbox"/> Reheat, Electric |
| <input type="checkbox"/> Boiler, Electric | <input type="checkbox"/> Rooftop Units | <input type="checkbox"/> Baseboard, Hot Water | <input type="checkbox"/> Reheat, Hot Water |
| <input type="checkbox"/> Boiler, Natural Gas | <input type="checkbox"/> Unit Heater, Natural Gas | <input type="checkbox"/> Chilled Water | <input type="checkbox"/> Steam |
| <input type="checkbox"/> Chiller, Absorption | <input type="checkbox"/> Unit Heaters, Electric | <input type="checkbox"/> Constant Volume | <input type="checkbox"/> Variable Air Volume (VAV) |
| <input type="checkbox"/> Chiller, Electric | <input type="checkbox"/> Water Loop Heat Pumps | <input type="checkbox"/> Hot Water | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Condenser | <input type="checkbox"/> Other: _____ | <input type="checkbox"/> Radiator, Steam | |

Other Projects

If applicable, please list any projects you would like considered (other appropriate projects are likely to be identified):

Steam Plant Optimization Application

Steam Plant Optimization offers an evaluation of the central steam system to identify low-cost operational changes and modifications that have high impacts on natural gas savings. Technical Teams review the full steam cycle, from make-up water to condensate return, to identify opportunities for reducing loads or increasing efficiency. Facility owners will be required to implement low-cost and/or quick payback measures (less than one year) identified by the Gas Optimization Study. Rebates from the Energy Efficiency Program (prescriptive and/or custom) may be available for measures in certain paybacks turn out to be more than one year.

Eligibility Checklist

You must check “Yes” to ALL of the following questions in order for your facility to be eligible:

- ☐ Yes
- Do you have at least 250 boiler horsepower of combined capacity?
- ☐ Yes
- Does this facility use at least 500,000 therms of natural gas annually?
- ☐ Yes
- Is your steam plant free of major maintenance issues?
- ☐ Yes
- Do you intend to operate the current steam systems for the next four years without major upgrades?
- ☐ Yes
- Are you willing to commit to the implementation of low-cost or quick payback measures? (Note: Program guidelines limit required installation to measures with a payback of one year or less.)
- ☐ Yes
- Are you willing to dedicate staff time (up to 20 hours) to assist with the on-site assessment?

Facility Information

| | | | |
|--|-----|------------------------------------|--|
| Boiler Capacity in Boiler Horsepower: | BHP | Year of Construction: | |
| Boiler Capacity Normally Operating (approximate): | BHP | Stack Economizer(s) Installed? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| % of Annual Steam Plant Fuel Usage Met by Natural Gas: | | Blow Down Heat Recovery Installed? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Annual Hours of Operation: | | | |
| Typical Operating Pressure: | | | |

Steam Plant Details

| | |
|---|---|
| End Use and Major Process Operations (select all that apply): | <div><input type="checkbox"/> Space Heating <input type="checkbox"/> Drying <input type="checkbox"/> Domestic Water Heating <input type="checkbox"/> Sterilization</div> <div><input type="checkbox"/> Evaporation <input type="checkbox"/> Process Heating <input type="checkbox"/> Chiller, Absorption <input type="checkbox"/> Distillation</div> <div><input type="checkbox"/> Other: _____</div> |
|---|---|

Other Projects

| |
|---|
| If applicable, please list any projects you would like considered (other appropriate projects are likely to be identified): |
| |

Process Heating Optimization Application

The Process Heating Optimization offer covers a wide variety of systems that use natural gas to heat materials as part of a manufacturing process. Technical Teams work with staff to review the process looking at combustion efficiencies, heat containment, material flow and heat recovery to identify large natural gas savings for manufacturing customers. Facility owners will be required to implement low-cost and/or quick payback (less than one year) measures identified by the Gas Optimization Study. Rebates from the Energy Efficiency Program (prescriptive and/or custom) may be available for measures.

Eligibility Checklist

You must check “Yes” to ALL of the following questions in order for your system to be eligible:

- ☐ Yes Do you have at least 5 million Btu of process heating capacity?
- ☐ Yes Does this facility use at least 500,000 therms of natural gas annually?
- ☐ Yes Do you intend to operate the current process heating systems for the next four years without major upgrades?
- ☐ Yes Are you willing to commit to the implementation of low-cost or quick payback measures? (Note: Program guidelines limit required installation to measures with a payback of one year or less.)
- ☐ Yes Are you willing to dedicate staff time (up to 20 hours) to assist with the on-site assessment?

Facility Information

| | | | |
|--|-------|------------------------------------|--|
| Process Heating Capacity in Million Btu: | MMBtu | Annual Hours of Operation: | |
| Process Heating Capacity Normally Operating (approximate): | MMBtu | Age of Systems: | |
| % of Annual Process Heating Fuel Usage Met by Natural Gas: | | Heat Recovery Equipment Installed? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Describe type of production involved: | | | |
| | | | |

Process Heating Details

| | | |
|--|---|---------------------------------------|
| End Use (check all that apply): | | |
| <input type="checkbox"/> Agglomeration - Sintering | <input type="checkbox"/> Fluid Heating | <input type="checkbox"/> Separating |
| <input type="checkbox"/> Calcining | <input type="checkbox"/> Heating and Melting | <input type="checkbox"/> Smelting |
| <input type="checkbox"/> Curing and Forming | <input type="checkbox"/> Heat Treating | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Drying | <input type="checkbox"/> Incineration/Thermal Oxidation | |
| <input type="checkbox"/> Forming | <input type="checkbox"/> Metals Reheating | |

Other Projects

| |
|---|
| If applicable, please list any projects you would like considered (other appropriate projects are likely to be identified): |
| |

Gas Optimization Study Final Application

Important: Please read the application and agreement prior to completing this section. Documentation of measures performed and invoices (if applicable) are needed at this time.

Project Information and Bonus Payout

Gas Optimization Study Type: ☐ Building Heating Optimization ☐ Steam Plant Optimization ☐ Process Heating Optimization

Low-Cost/No-Cost ECMs

| A | B | C | D | E | F |
|---|------------------------|----------------|--|-----------------------------|--------------------------|
| | Measure Number or Name | Completed Date | Completed As Described in the Study Scope (Yes/No) | Therms Saved Based on Study | Cost to Implement |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| | | | | Total Therms: | Total Cost to Implement: |

Does therm savings for all Implemented ECMs total over 20,000 therms and work completed within six months of report presentation? ☐ Yes ☐ No
If Yes, Submit this page and \$5,000 will be paid and mailed to the customer address on page 2.

Capital ECMs

| A | B | C | D | E | F |
|---|------------------------|----------------|--|-----------------------------|--------------------------|
| | Measure Number or Name | Completed Date | Completed As Described in the Study Scope (Yes/No) | Therms Saved Based on Study | Cost to Implement |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| | | | | Total Therms: | Total Cost to Implement: |

Does therm savings for all Implemented ECMs total over 100,000 therms and work completed within 12 months of report presentation? ☐ Yes ☐ No
If Yes, Submit this page and \$5,000 will be paid and mailed to the customer address on page 2.

If implementation cost (F) did not meet customer obligation, please provide justification below.

If any measures were listed as "No" in column D, please provide explanation below.

Notice of Project Completion

I verify that I (the "Customer") have completed project implementation within the terms of the agreement. I request the Gas Optimization Study Program to acknowledge that the agreement has been fulfilled and release me from any further commitments to the program or liability for fees associated with services rendered.

Authorized by:

| | | | | | |
|---|--|------------------------------------|--|-------|--|
| Customer Representative Name and Title: | | Customer Representative Signature: | | Date: | |
| Program Representative Name: | | Program Representative Signature: | | Date: | |

Terms and Conditions

1. **Program Offer:** This program is available from January 1, 2025, to December 31, 2025, to eligible Peoples Gas and North Shore Gas customers ("Customers"). Studies must result in reduced natural gas energy use due to an improvement in the system efficiency. Reduced natural gas resulting from fuel switching, power generation, or renewable energy will not qualify. Participating Customers must meet the "Customer" liability requirements as outlined on page 3.
2. **Eligibility:** Eligible Customers must be a private multi-family, commercial or industrial facility that is a Peoples Gas or North Shore Gas (the "Company") customer with Service Classification 2 or higher (Customers with Service Classification 5 are exempt from participating). Eligible Customers must meet the eligibility requirements outlined in the eligibility checklist on page 4, 5 or 6 of this application.
3. **Delivery:** Applications must be delivered one of two ways:
 - a. Mailed to: Peoples Gas/North Shore Gas
Gas Optimization Study Program
5440 N. Cumberland Ave., Ste. 135
Chicago, IL 60656
 - b. Emailed to: Attn: Gas Optimization Study Program
For Business customers email:
PGNSGBusiness@FranklinEnergy.com
4. **Pre-Approval Applications:** Pre-approval applications must have complete information and be submitted for pre-approval with:
 - a. The completed application with pre-approval signature and date at the bottom of page 3.
 - b. A copy of the study proposal including a detailed scope of work and study costs.
 - c. A copy of the Customer's recent Peoples Gas or North Shore Gas utility bill and third-party supply bill, if requested.
5. **Applications:** Applications must have complete information and be submitted with:
 - a. The completed application with Customer signature on page 3.
 - b. A copy of the Customer's Peoples Gas or North Shore Gas utility bill and third-party supply bill, if applicable.
6. **Payment:** Once completed paperwork is submitted, rebate payments are usually made within 30 days to the study implementer. Study incentive and any applicable study provider bonus is paid upon acceptance of the proposed study and completion of study presentation to customer alongside program team. Payments may only be made to the qualified study provider. Incomplete applications will either delay payments or result in denial of application approval. Peoples Gas or North Shore Gas reserves the right to refuse payment and participation if the Customer or the study provider violates program terms and conditions.
7. **Inspection:** Program staff reserves the right to conduct pre-inspections and post-inspections of proposed and installed projects.
8. **Tax Information:** Applicant is responsible for contacting a qualified tax advisor to determine tax liability. Peoples Gas or North Shore Gas is not responsible for any tax liability imposed on the Customer as a result of program participation.
9. **Publicity:** Peoples Gas and North Shore Gas reserve the right to publicize your participation in this program, unless you specifically request otherwise.
10. **Program Discretion:** The program is available on a first-come, first-served basis. The program is subject to change or termination without notice at the discretion of Peoples Gas and North Shore Gas.
11. **Logo Use:** Customers or trade allies may not use the Peoples Gas or North Shore Gas program names or logos in any marketing, advertising or promotional material without written permission.
12. **Disclaimers:** The Customer will defend, hold harmless, and release The Peoples Gas and North Shore Gas Company and each company's affiliates, officers, directors, shareholders, agents, employees, contractors, and representatives from any and all claims, liabilities, fines, interest, costs, expenses and damages (including attorneys' fees and court costs) incurred by the Customer or its contractors or any third party for any damage, injury, death, loss, or destruction of any kind to persons or property, to the extent the damage, injury, death, loss, or destruction arises out of or is related to the acts or omissions of Peoples Gas or North Shore Gas or either company's affiliates, officers, directors, shareholders, agents, employees, contractors, or representatives or to the program. Neither Peoples Gas nor North Shore Gas endorses any particular manufacturer, product, labor, or system design by offering these programs.

NEITHER PEOPLES GAS NOR NORTH SHORE GAS EXPRESSLY OR IMPLICITLY WARRANTS THE PERFORMANCE OF ANY EQUIPMENT OR ANY CONTRACTOR'S QUALITY OF WORK. NO WARRANTY OF ANY KIND, WHETHER STATUTORY, WRITTEN, ORAL, OR IMPLIED (INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY) WILL APPLY. CONTACT YOUR CONTRACTOR OR EQUIPMENT SUPPLIER FOR ANY WARRANTIES.
13. **Release of Customer Information:** Customer agrees to the release by Peoples Gas or North Shore Gas of any Customer data, including personally identifiable information, to any contractor or other vendor providing services or support under the program.
14. **Verification:** Any Customer receiving program services may be contacted by an evaluator to verify service/equipment installation or be asked to complete a Customer survey.