### Non-Fossil Alternatives Acknowledgment



We're committed to helping you meet your energy needs. In doing so, we want to ensure that you are aware of the non-fossil energy alternatives and incentives available to you.

#### **Non-Fossil Alternatives**

There are a variety of non-fossil alternatives (e.g., electrification) for you to consider when determining how best to meet your energy needs. Such non-fossil alternatives include:

- Heat pumps: Options include air-source and ground-source (i.e., geothermal).
- Electric Water Heating
- Electric cooking (e.g., stoves, ovens, and other cooktops)

Additional information can be found on National Grid's Heat Pump FAQ document.

### **Clean Energy Rebates**

At National Grid, we are proud to promote electrification and achieve energy goals by partnering with NYSERDA and utilities across New York State who offer heat pump technology incentives. For more information, please check out their offerings, here:

ConEdison:

https://www.coned.com/en/our-energy-future/electric-heating-and-cooling-equipment

PSFG:

https://www.psegliny.com/en/saveenergyandmoney

• NYS Clean Heat Program:

https://cleanheat.ny.gov/

#### **Heat Pump Tax Credits and Incentives**

In addition to these savings on heat pump technology, you may also qualify for:

Federal tax credits:

https://www.energystar.gov/about/federal-tax-credits

New York State income-based incentives:

https://www.nyserda.ny.gov/All-Programs/EmPower-New-York-Program

If, after reviewing these options, you would still like to connect to the Company's natural gas system, please have the account holder/property owner sign and return this acknowledgment form. Once the Company receives the completed form, we can proceed with the gas service agreement process. To explore all of National Grid's available energy saving programs, visit <a href="mailto:ngrid.com/save">ngrid.com/save</a>.

I have read the above information regarding non-fossil energy alternatives that are available to me and I would like to proceed with installing natural gas service or adding new gas equipment.

Customer Signature:	Date:	
Customer Printed Name:		
Service Address:		

If you have any questions regarding this acknowledgment, please contact us at 1-877-MYNGrid (1-877-696-4743).

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### **Heat Pumps**

### Frequently Asked Questions

### What is a Heating and Cooling Heat Pump?

A heating and cooling heat pump moves the existing heat in the air or ground from one place to another using electric or renewable power. In summer, it moves heat from inside a building to the outside, and in winter it works like an air conditioner in reverse and moves heat from outside into the building.

Unlike traditional systems that are powered by burning fossil fuels or using electric resistance, heating and cooling heat pumps are very energy efficient—they extract more energy than they consume—and the latest models work reliably even when the temperature outside is extremely cold or hot.

# What is an Air Source Heat Pump (ASHP) and Ground Source Heat Pump (GSHP)?

### Air Source Heat Pump (ASHP)

While most heating systems burn fuel or utilize electric resistance, an air source heat pump is a versatile electrical system that extracts heat from one place and transfers it to another. Heat pumps are not a new technology; it has been used in Canada and around the world for decades. Heat pumps work by collecting heat from the outdoor air, transferring it via an air exchanger, and distributing it inside. A heat pump has a fully reversible cycle that can provide year-round climate control for customers – heating in winter and cooling and dehumidifying during the summer.

#### **Ground Source Heat Pump (GSHP)**

A ground source heat pump provides a clean way to heat buildings, free of all carbon emissions on site. Unlike the air, the ground (or groundwater) remains at a consistent temperature throughout the year—around 55°F. Geothermal heat pumps take advantage of the steady temperature by transferring heat stored in the earth into a building during the winter and transferring it out of the building and back into the ground during the summer. In addition to space conditioning, geothermal heat pumps equipped with desuperheaters can also produce hot water by transferring excess heat from the pump's compressor to the building's hot water tank.

Ground source heat pumps are suitable for a wide variety of buildings and are particularly appropriate for low environmental impact projects.

#### **Ductless Mini-Split Heat Pumps**

For homes without ducts for central air conditioning or heating, air-source heat pumps are also available in a ductless version called a mini-split heat pump. Mini-splits are efficient, whisper-quiet, and can keep your home or business comfortably warm or cool without blocking a window. There is a lot of flexibility in where mini-split systems can be installed, which allows for a stress-free installation.

#### **Air-Source and Ground Source Heat Pump Benefits**

Since air-source technology concentrates and transfers heat rather than generating it directly, heat pumps can deliver one-and-a-half to three times more heat energy to a home than the electrical energy they consume, using energy more efficiently.

- Dual heat-and-cooling system
- Cost savings
- Whisper-quiet
- Lower emissions
- Filters and dehumidifies the air

# Why are Con Edison and PSEGLI promoting and offering rebates on heat pumps?

Heat pumps are alternative heating and cooling technologies that can provide customers with added comfort and choice in their homes. Additionally, by converting from more traditional, fossil fuel-heating equipment to air- or ground-source technology, you'll be able to enjoy the benefits of cleaner, renewable resources to meet your heating and cooling needs.

### How do heat pumps perform during the coldest days of the winter and the hottest days of the summer?

Heating and cooling pumps are a proven technology and, depending on the particular model, will continue to operate even at extreme outdoor temperatures. For example, one of the performance requirements for a NEEP-certified cold climate air-source heat pump (one of the requirements for National Grid program eligibility)

### **Heat Pumps**

### Frequently Asked Questions

is a Coefficient of Performance (COP) > 1.75 at 5°F. This means that, for every unit of energy utilized by the system, 1.75 units of heating/cooling energy will be provided.

The equipment may see a decrease in efficiency at the extreme temperatures but will continue to heat or cool as intended.

For more specific information, please consult either the specific manufacturer or the contractor responsible for installing the equipment.

### What are cold climate heat pumps?

A cold climate heat pump provides air conditioning and heating from one unit. In summer, it uses a refrigerant to transfer warm air from inside to the outdoors. In winter, it acts like an air conditioner in reverse, transferring warmth from the outside air to the inside. Yes, even cold winter air contains enough heat to use for warmth. Cold climate heat pumps are designed to operate in the northeast.

#### Will running a heat pump affect my electricity bill?

Overall, electricity bills may increase due to specific usage patterns and customer behavior. On average, a typical customer may see a decrease in electricity consumption during the summer months (e.g. a minisplit unit replacing a window air conditioner) but an increase during the winter months (e.g. a central airsource pump system offsetting an oil boiler for space heating). Any increase in electricity consumption due to heating use may be offset by decreases in other forms energy consumption, for example, gallons of heating oil (or propane) or therms of natural gas. If, however, your home is currently heated through an electrical resistance system, you may see a decrease in electricity consumption during the winter months as well.

### Why should I use a cold climate heat pump to heat my home or business?

Cold climate heat pumps are more efficient and cleaner than standard units because they reduce the use of fossil fuels. As more and more of our power is generated from renewable sources, this benefit will only increase. With our enhanced rebate, you can have a heat pump system installed at a lower cost than a traditional, cooling-only system.

### Does a mini-split heat pump system require ductwork?

Depending on your individual circumstances mini-split heat pump are available in both duct and ductless units. You should always have professionals advise you on making the right choice for your home.

#### Will my existing energy services be affected?

Depending on the scale of your overall project, your existing electric service may need to be upgraded. Additionally, you may also need to upgrade your home's electrical specifications based on the type of heat pump system you'd like to install. Please consult a licensed electrician to verify your home's electrical needs prior to installing new heat pump equipment.

### Why is National Grid encouraging heat pump technology?

National Grid strongly supports the 2019 New York State Climate Leadership and Community Protection Act, which set a goal of using 100% renewable energy in the state by 2040. Heat pump systems use a combination of electricity and renewable energy instead of fossil fuels, making them more efficient and cleaner than older fuel oil and propane heating systems. The overall cost of operating a heat pump is typically lower than these fossil fuel systems, saving you money each month. Heat pump systems are better for you and our planet.

### **Heat Pump**

### Incentives

#### **Incentives**

#### **▶ NYC Regions**

Con Edison — Brooklyn, Staten Island and Queens — National Grid service regions

#### **Residential Customers**

## 1. Air Source Heat Pump (ASHP) and Ground Source Heat Pumps (GSHP)

Con Edison currently offers incentives to residential customers via participating contractors for eligible ASHP and GSHP installations. Con Edison is currently running a limited-time 2024 promotion with increased incentives for projects that are completed by May 31, 2024.

Customers interested in learning more about ASHPs and GSHPs and available incentives may visit coned.com/heatpumps

For a listing of participating Con Edison qualified contractors, visit <a href="https://coned-findacontractor.">https://coned-findacontractor.</a> icfsightline.com/

### 2. Heat Pump Water Heater (HPWH) Incentives

Con Edison offers customer incentives for new ENERGY STAR-rated heat pump water heaters. Con Edison offers two channels for customers to access incentives — through qualified distributors and at purchases at select retailers. To learn more about the program and available incentives, visit <a href="https://www.coned.com/en/our-energy-future/electric-heating-and-cooling-equipment">https://www.coned.com/en/our-energy-future/electric-heating-and-cooling-equipment</a>

### **▶ LI Regions**

### **PSEG Long Island**

#### **Residential Customers**

### 1. Air Source Heat Pump (ASHP) and Ground Source Heat Pumps (GSHP)

PSEG Long Island offers valuable rebates on cold climate air source heat pumps to fit any space, as well as rebates on ENERGY STAR ground source heat pump equipment. To learn more about the program and apply for rebates visit <a href="https://www.psegliny.com/saveenergyandmoney/">www.psegliny.com/saveenergyandmoney/</a> homeefficiency/homecomfort

Customers must select a participating licensed air conditioning contractor and install a qualifying system. For a listing of participating PSEG LI qualified contractors visit <a href="www.psegliny.com/saveenergyandmoney/homeefficiency/homecomfort">www.psegliny.com/saveenergyandmoney/homeefficiency/homecomfort</a>

#### 2. Heat Pump Water Heater (HPWH) Incentives

PSEG LI offers customer incentives for new ENERGY STAR-rated heat pump water heaters. To learn more about the program and available incentives, visit <a href="https://www.psegliny.com/saveenergyandmoney/homeefficiency/homecomfort">https://www.psegliny.com/saveenergyandmoney/homeefficiency/homecomfort</a>

For questions or additional details please contact Con Edison Energy Efficiency Call Center at 1-877-870-6118 or email CleanHeat@coned.com For questions or additional details please contact PSEG LI Energy Efficiency & Rebates Call Center at **1-800-692-2626** 

# Instructions for Submitting Application and Contract for Non-residential Customers

Before submitting your application to start service you must call Customer Service at 1-800-930-5003 to create a Customer ID Number. The Customer ID must match the Account Name shown in Part 1.

You must also complete a Gas Application and Load Letter. There will be processing delays if applications are incomplete.

To transfer service from an existing account/meter to a new owner or tenant (Account Name Change/Meter Turn On/Unlock) paperwork shown below must be emailed to NGLI\_NONRES\_APPLICATION@nationalgrid.com

- Nonresidential application
- Business related documents
- Deed and or lease
- Tax Exempt Form should be completed and emailed to nationalgridusa@certcapture.com
- Identification must be included if the business name will be same as name of applicant (and not an LLC).
- Assistance will be provided within 10 business days once required documents are received.
- If you require additional assistance, please call us at **1-800-930-5003**.

To start service for a new account/meter (New Service/Meter) paperwork listed below must be emailed to box.NonResiComServAp@nationalgrid.com

- Nonresidential application
- Gas load letter
- Site plan
- Business related documents
- If you require additional assistance, please call our Customer Connections department at 1-833-359-0645.

Example of business documents: Corporation paperwork listing all corporate officers (or a letter from a corporate accountant or attorney listing the officers). If the application is signed by a managing agent, a corporate officer must provide a letter giving authority.

As a customer, you pay for the main and/or service supplied at the rates, charges and terms of your service classification as prescribed in our tariff and rate schedule.

Service classification and rates may change from time to time and our service will be supplied in accordance with all such changes. A copy of our current non-residential rate schedule and tariffs are available in every business office and online. Customer representatives are available to answer questions and provide assistance.

In addition, please visit <u>NationalGridUS.com/Long-Island-NY-Business</u> which details your rights as a non-residential customer. It also explains our obligations and procedures for handling any inquires you may have. Applicant is responsible for marking out any business owned underground facilities on the property that were not marked out by National Grid when notification was made to **New York 811**.

By Law, excavators and contractors working in New York City and Nassau and Suffolk Counties must contact **New York 811** at least 2 full business days, not including the day of contact, prior to digging by calling **811** or by using the website **https://newyork-811.com/** 

Licensed Master Plumber Operator Qualified Number (Task 87) is required to perform work on DOT Jurisdictional Piping

Note: It is required to fill out a separate application for each meter.





Applications to transfer service should be emailed to: **NGLI\_NONRES\_APPLICATION@nationalgrid.com**Applications for new services should be emailed to: **box.NonResiComServAp@nationalgrid.com** 

PART 1 - ACCOUNT INFORM	ATION				
TYPE OF GAS SERVICE NEEDED:	☐ ACCOUNT NAME CHANGE ☐	METER TURN ON/UNLOCK	□ NEW SERVICE/METER	R ONLY	
ACCOUNT NAME:	COUNT NAME: EMAIL ADDRESS:				
CUSTOMER ID NUMBER: To start service or add a meter you must call 1-800-930-5003 to create a Customer ID Number. The Customer ID must match the account name shown in part 1.					
DOING BUSNIESS AS: (if other than acc	count name)				
SERVICE ADDRESS: (include street num	nber)	SUITE NUMBER:	VILLAGE:	ZIP:	
STARTING ON DATE:	OWN RENT				
SERVICE NUMBERS   BUSINESS:		HOME:	CONTACT:		
LANDLORD/AGENT NAME: LANDLORD/AGENT ADDRESS:			PHONE NUMBER:		
IF YOU PREFER TO HAVE THE BILLS A PLEASE PROVIDE YOUR MAILING ADD		N MAILED TO AN ADDRESS OTH	HER THE SERVICE ADDRES	SS,	
MAILING ADDRESS (include number str	eet)	VILLAGE:	STATE:	ZIP:	
TAX EXEMPT STATUS 🗖 TAXABLE	□ NON-TAXABLE □ PARTIAL TAX	EXEMPT	A COPY OF YOUR TAX EXEMPT CERTIFICATE IS REQUIRED IF APPLICABLE		
TAXPAYER IDENTIFICATION NUMBER:					
BANK NAME:	ACCOUNT NUMBER(S):	CCOUNT NUMBER(S):			
TRADE REFERENCE:	ADDRESS:		PHONE NUMBER:		
PLEASE LIST ALL PARTNERS OR OWN	ERS OF YOUR BUSINESS IF APPLICA	BLE			
NAME:		POSITION/TITLE:			
ADDRESS:		PHONE NUMBER:			
NAME:		POSITION/TITLE:			
ADDRESS:		PHONE NUMBER:			
IF YOU HAVE HAD A NON-RESIDENTIAL ACCOUNT IN THE PAST OR IF YOU CURRENTLY HAVE A NON-RESIDENTIAL ACCOUNT, PLEASE FILL IN THIS SECTION. (CIRCLE ONE) CURRENT OR FORMER ACCOUNT INFORMATION.					
ACCOUNT NAME:		ACCOUNT ADDRESS:			
ACCOUNT NUMBER(S):					
IF THIS IS A CURRENT ACCOUNT, DO YOU WANT THIS SERVICE SHUT OFF? IF YES, INDICATE DATE TO SHUT OFF SERVICE:					
PART 2 - METER ACCESS INFORMATION					
WHEN ACCESS CANNOT BE OBTAINED FOR A SPECIFIED PERIOD, YOU OR THE PERSON CONTROLLING ACCESS TO THE METER(S) WILL BE SUBJECT TO NON-ACCESS CHARGES AND POSSIBLE TERMINATION OF SERVICE AS SPECIFIED IN THE TARIFF, RULE II.3D.2 IN ORDER TO PROVIDE BILLS ON ACTUAL READINGS, WE MUST HAVE ACCESS TO YOU METER(S). IF YOU DO NOT CONTROL ACCESS TO YOUR METER(S), PLEASE FILL IN THIS SECTION.					
WHO CONTROLS ACCESS TO YOUR METER					
NAME:					
ADDRESS: (include number street)		VILLAGE:	STATE:	ZIP:	
PHONE NUMBER(S):		ACCOUNT NUMBER:		1	



#### PART 3 - SERVICE AND RATE CLASSIFICATION INFORMATION

Rates for each service classification are different because the cost to provide service is different. You, the customer, qualify for a service classification if you meet the eligibility conditions of that classification. Further, we will endeavor to assist in the selection of your most fav ora ble rate classification.

If served by multiple rate classifications at the same location, you will not be permitted switchable thermal requirements (gas) between the multiple classification.

To insure proper billing, you must notify us in writing if use of service or equipment changes in the future.

Please answer the following questions accurately and completely. the information provided here will assist us in determining the proper service classification for your account. if service information you provide is inaccurate or incomplete, you may be subject to backbilling or may be beprecluded form receiving a refund for overcharges from the resulting incorrect billing.

TYPE OF BUSINESS:		SIZE OF YOUR PREMISES:	SQUARE FEET:
DO YOU PLAN TO LIVE AT THE PREMISES	☐ YES ☐ NO	IF YES, WILL THE SERVICE BE USED F	PRIMARILY FOR RESIDENTIAL PURPOSE?
PREMISES USED FOR:  CHURCH FACTORY  SCHOOL HOSPITAL  THEATER DAY CARE CENTER	☐ RESTAURANT/CATER☐ NURSING/ADULT HON☐ WAREHOUSE		MULTI FAMILY DWELLING 5 OR MORE UNITS
DOES THE PREMISES CONTAIN A COMMUN	IITY ROOM, CAFETERIA OR	MEETING ROOM WHICH HOLDS MOR	RE THAN 70 PEOPLE? TYES NO
NORMAL OCCUPANCY: ☐ 70 OR MORE ☐	70 OR LESS		
TYPE OF HEAT: ☐ GAS ☐ ELECTRIC	OIL OTHER		
WHAT TYPE OF BUSINESS PREVIOUSLY OCC	CUPIED THIS LOCATION?		
TRADE REFERENCE: ADD	DRESS:		PHONE NUMBER:
FUTURE GAS SITE INFORMATION	N   NOTE: Private propert	ty markout required prior to schedulin	g for all new commercial gas services
(ENTER DISTANCE IN FT. ON ABOVE LINE)  (ENTER DISTANCE IN FT. ON ABOVE LINE)  CROSS STREETS:	M = METER C = CORNE  MUST ENTE FROMMETER OF	ON ABOVE LINE)  M  OF STRUCTURE  C  A LOCATION  ER  ER APPROX. DISTANCE BY TO NEAREST CORNER  ESTRUCTURE  T OF STRUCTURE  C  M  M	(ENTER DISTANCE IN FT. ON ABOVE LINE)  (ENTER DISTANCE IN FT. ON ABOVE LINE)

FOR NEW CONSTRUCTION AND BUILDING RENOVATIONS THE JOB SITE IS CONSIDERED READY FOR GAS SERVICE INSTALLATION WHEN THE FOLLOWING CRITERIA ARE MET:

- Installations of sewer, water and all underground utilities have been completed.
- The building is secured and enclosed. An enclosed building means the walls, windows and roof of the building have been completed.
- The location of the new gas service is level to final grade, free of debris and scaffolding.

REMINDER: PHOTOS OF JOB SITE READINESS ARE REQUIRED BEFORE SERVICE CAN BE SCHEDULED

### **Application and Contract for Non-residential Customers**



### **PART 4 - DEPOSIT INFORMATION**

New non-residential customers are required to pay a deposit when applying for service. The deposit amount shall not exceed the cost of twice the expected monthly usage for a peak season. The deposit is subject to later upward or downward revision based on actual subsequent billing. You may request that your account be reviewed in order to assure that the deposit is not excessive. Deposit alternatives which provide a level of security equivalent to cash, such as irrevocable bank letters of credit and surety bonds, may be accepted.

	ash, such as irrevocable bank letters of credit an				
PART 5 - SIGNATURE					
FOR GAS REQUEST TO NATIONAL GRID:  MANDATORY: THE APPLICATION CERTIFI	ES THAT: (Please Check Either A or B)		CORP. SEAL HERE		
■ A. I am the owner of the real property onto which proposed service facilities shall be installed and further, I am aware that the Utilities are not responsible for the permanent restoration on private property.			ASH AND FILM NOS.) IED COPY OF BUSINESS ITIFICATE IF NOT A CORPORATION		
☐ <b>B.</b> I have obtained the permission of the own that said owner is aware that the Utilities on private property					
	ility installs a new gas service facility at applicant onths, applicant must pay for the entire installatio				
AND EXISTING UNDER THE LAWS OF THE APPLICANT FURTHER AGREES TO F THE GAS SERVICE HEREIN REQUESTED	CORPORATION/BUSINESS IS DULY ORGANIZ PAY THE APPLICABLE RATES AND CHARGES F AND THAT THE APPLICANT WILL BE BOUND E TIONS OF THE COMPANY APPLICABLE THERE	OR BY AND			
SIGNATURE OF OWNER, OFFICER OR AUTHORIZED AGENT:			DATE:		
PRINT LEGAL NAME AND TITLE:					
PRINT PREFERRED NAME:					
SIGNATURE OF UTILITY REPRESENTATIVE:			PLOYEE NO.:		
PART 6 - PLEASE DO NOT WRITE IN T	HIS AREA - FOR OFFICE USE ONLY				
ACCOUNT NUMBER: CATEGORY CODE: GAS RAT					
DEPOSIT AMOUNT: RECEIPT NUMBER: DATE F			PAID:		



PROJECT ADDRESS:	OJECT ADDRESS: CITY:		STATE:	ZIP:			
PROJECT CONTACT NAME:			PHONE NUMBER:				
EMAIL:						'	
EXISTING GAS EQUIPME PLEASE ENTER THE TYPE MODEL NUMBER, EQUIPM	OF EQUIPMENT (E	E.G. "HEAT", "WH"					OF UNITS,
ТҮРЕ	MODEL	EQUIPI PRESS MIN.		RE QTY. R		BTU INPUT RATING PER UNIT	BTU INPUT RATING TOTAL
EXISTING NATIONAL GRID	GAS ACCOUNT N	UMBER			TO	TAL EXISTING BTU I	NPUT
NEW GAS EQUIPMENT T	O BE INSTALLED	ON PREMISES					
ТҮРЕ	AFUE	MODEL		JIPMENT ESSURE MAX.	QTY.	BTU INPUT RATING PER UNI	BTU INPUT RATING TOTAL
					TOTA	AL NEW RTITINELIT	
				TOTAL EX		ND NEW BTU INPU	
PLEASE CHECK:  RES.	1 TO 5 EAMILY .	I MILITEAMILY 6.					
OTHER ENERGY EFFICIE							
OTHER							
WOULD YOU LIKE INFOR	MATION ABOUT O	UR ENERGY EFFIC	CIENCY PR	ROGRAMS?	☐ YES	□ NO	
CUSTOMER / ACCOUNT	T NAME:						
MAILING ADDRESS:							
PHONE NUMBER: EMAIL:							
PLUMBER COMPANY N	IAME:						
MAILING ADDRESS:							
PHONE NUMBER: EMAIL:							
LICENSED MASTER PL	UMBER OPERATO	OR QUALIFIED # (	(TASK 87):	1			
EXPECTED DATE GAS NE	EEDED BY:			RETURN	I FORM T	О:	