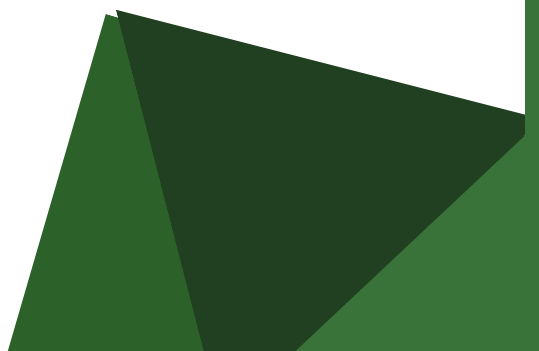




# HOW TO ELECTRIFY AN EXISTING BUILDING

---

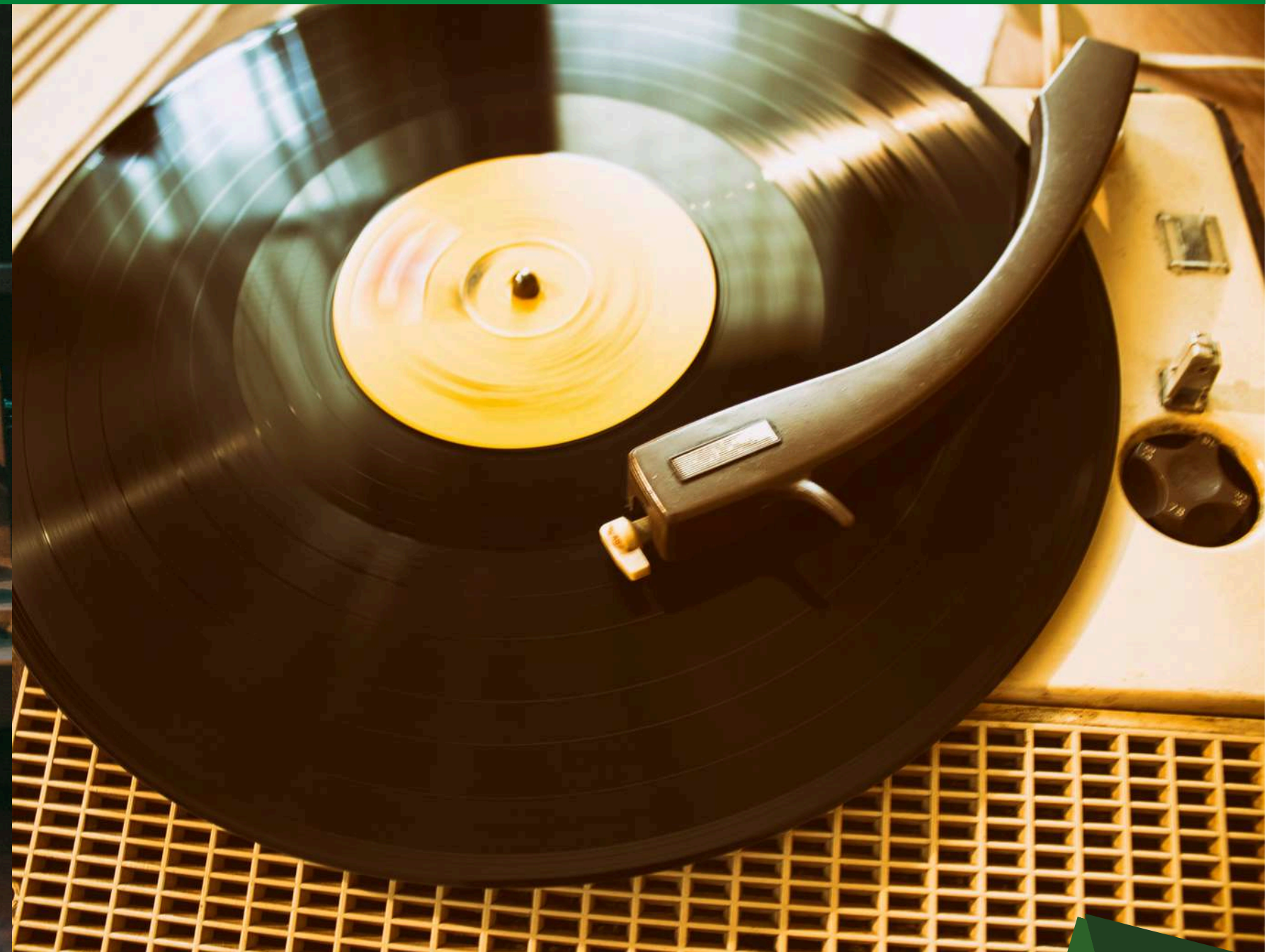
**geatain**  
SIMPLE LL97 COMPLIANCE



**WHAT DO THESE THINGS HAVE IN COMMON?**



# WHAT DO THESE THINGS HAVE IN COMMON?





# WHAT DO THESE THINGS HAVE IN COMMON?



# WHAT DO THESE THINGS HAVE IN COMMON?

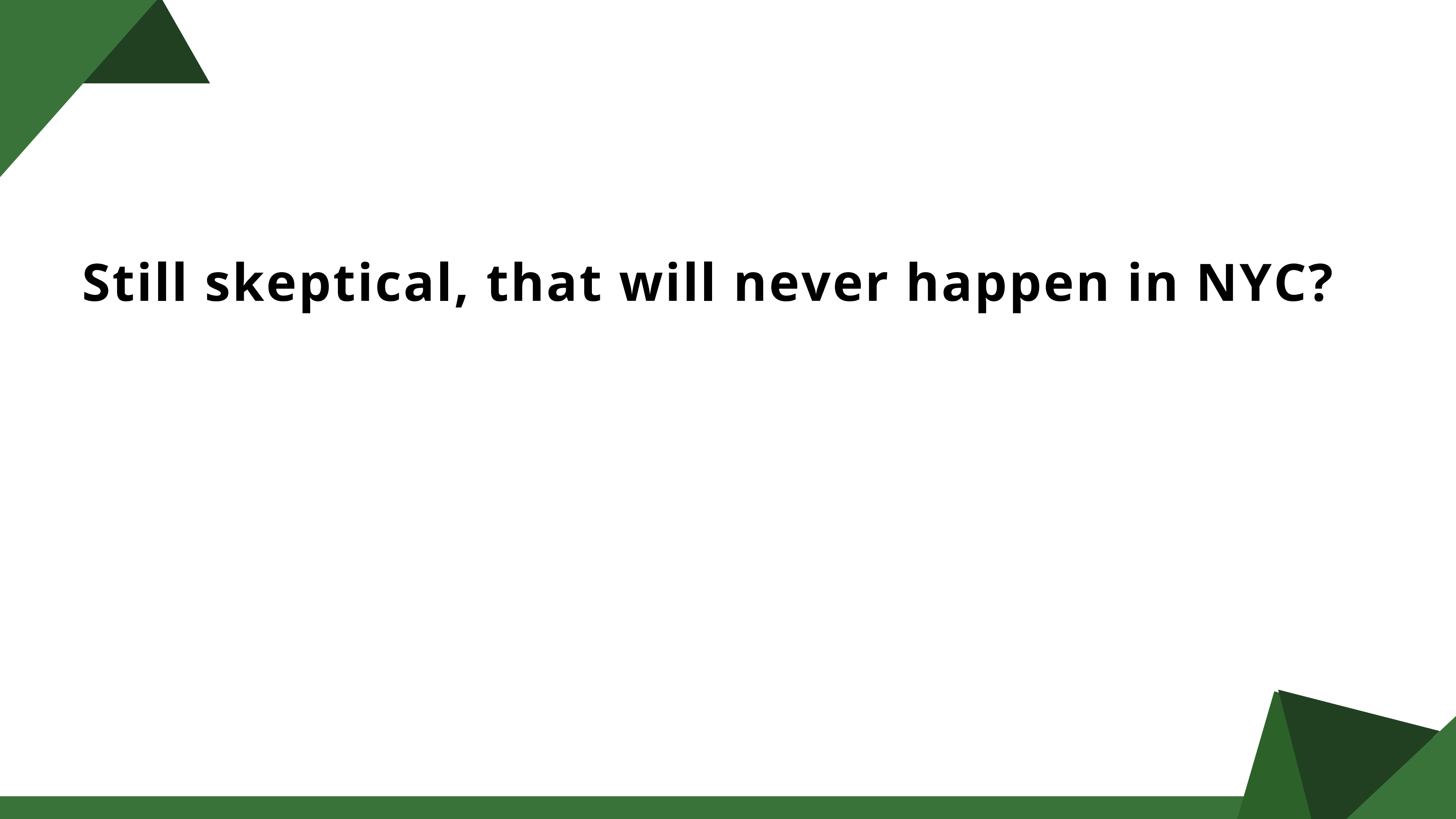


**WHAT MAY BE CHANGING SOON WITH YOUR BUILDING?**



# WHAT MAY BE CHANGING SOON WITH YOUR BUILDING?





**Still skeptical, that will never happen in NYC?**





**Still skeptical, that will never happen in NYC?**

**Want the proof?**

# POPULARITY OF HEAT PUMPS

## NYC's first all-electric skyscraper doesn't use a drop of fossil fuel

The architects behind this 44-story tower explain how they designed it to run on electricity alone.





# POPULARITY OF HEAT PUMPS

## JPMorgan's all-electric supertall at 270 Avenue tops out in Midtown East

By [Aaron Ginsburg](#) November 21, 2023





**YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK**

**YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK**

1. Plan your Approach

# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

1. Plan your Approach
2. Research free money



# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

1. Plan your Approach
2. Research free money
3. Evaluate electric amperage-condition

# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

1. Plan your Approach
2. Research free money
3. Evaluate electric amperage-condition
4. Seal the building

# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

1. Plan your Approach
2. Research free money
3. Evaluate electric amperage-condition
4. Seal the building
5. Decrease summer peaks



# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

1. Plan your Approach
2. Research free money
3. Evaluate electric amperage-condition
4. Seal the building
5. Decrease summer peaks
6. Determine hot water source

# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

1. Plan your Approach
2. Research free money
3. Evaluate electric amperage-condition
4. Seal the building
5. Decrease summer peaks
6. Determine hot water source
7. Renewables to offset demand?

# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

1. Plan your Approach
2. Research free money
3. Evaluate electric amperage-condition
4. Seal the building
5. Decrease summer peaks
6. Determine hot water source
7. Renewables to offset demand?
8. Able to reuse heat?

**YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK**

How many of these can you start?



# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

- 1. Plan your Approach**
- 2. Research free money**
- 3. Evaluate electric amperage-condition**
- 4. Seal the building**
- 5. Decrease summer peaks**
6. Determine hot water source
7. Renewables to offset demand?
8. Able to reuse heat?

# 40 WEST 37TH ELECTRIFICATION





# 40 WEST 37TH ELECTRIFICATION





# 40 WEST 37TH ELECTRIFICATION





# 40 WEST 37TH ELECTRIFICATION





# 40 WEST 37TH ELECTRIFICATION





**40 WEST 37TH  
ELECTRIFICATION**

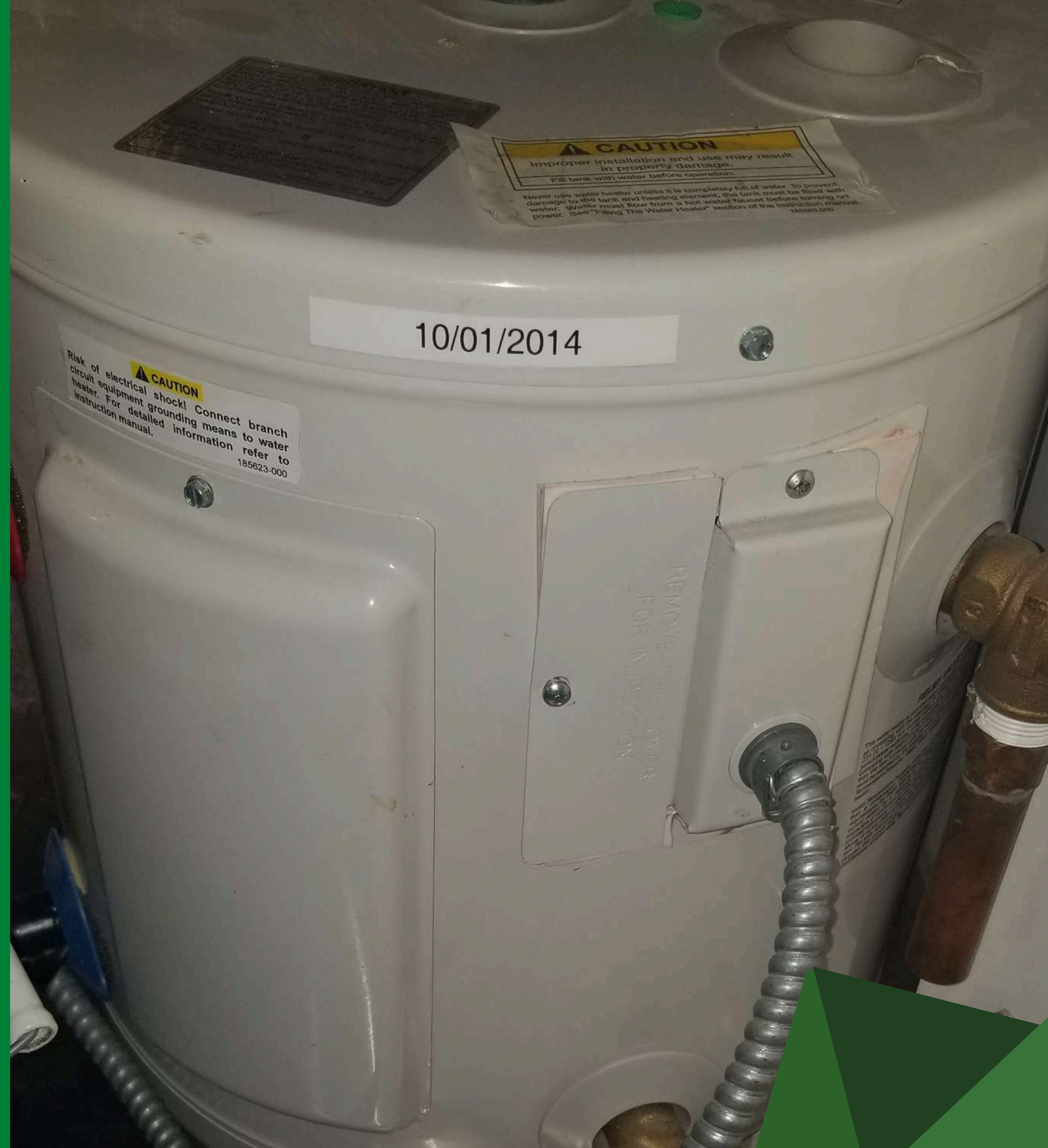


# 40 WEST 37TH ELECTRIFICATION



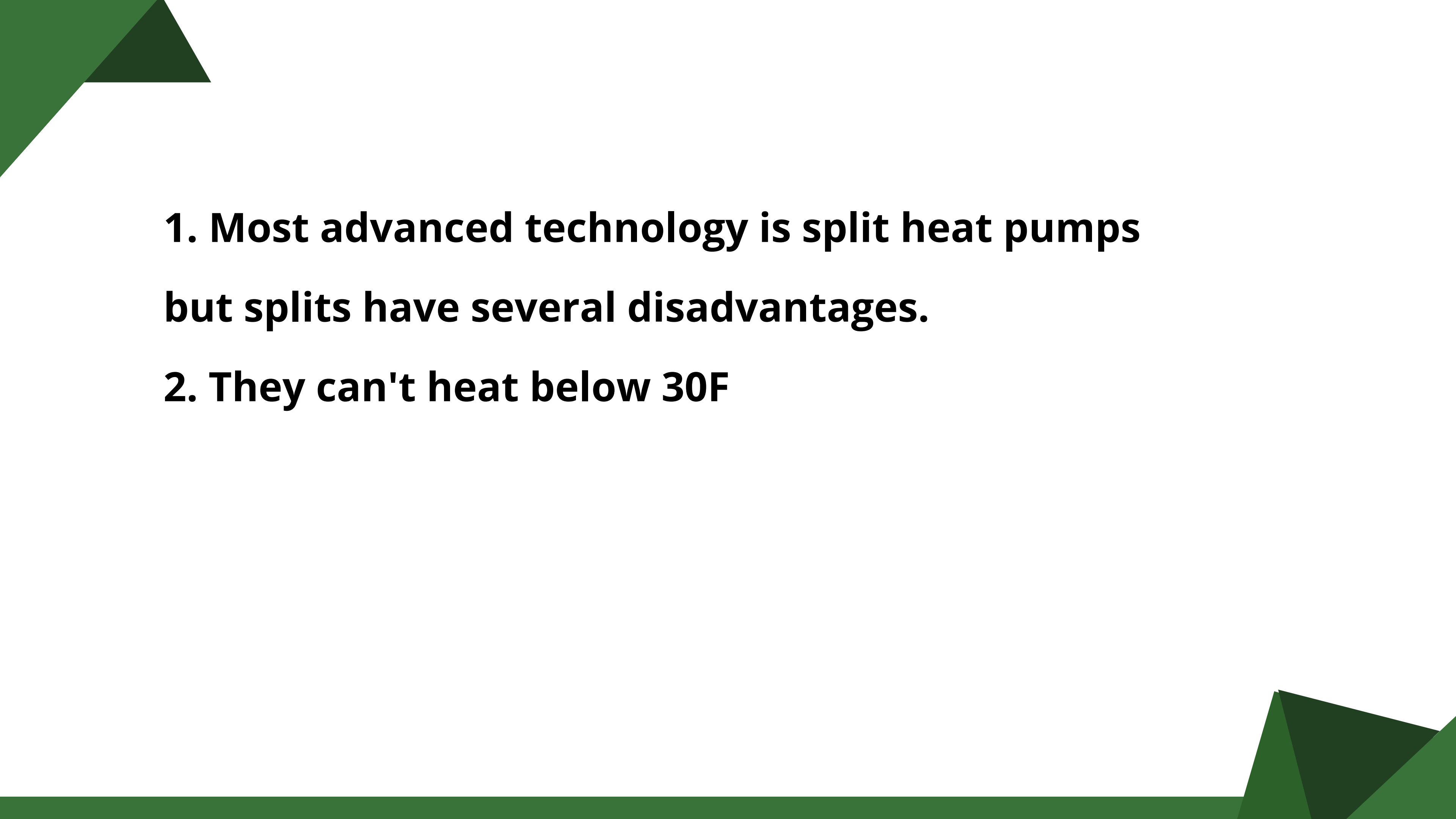


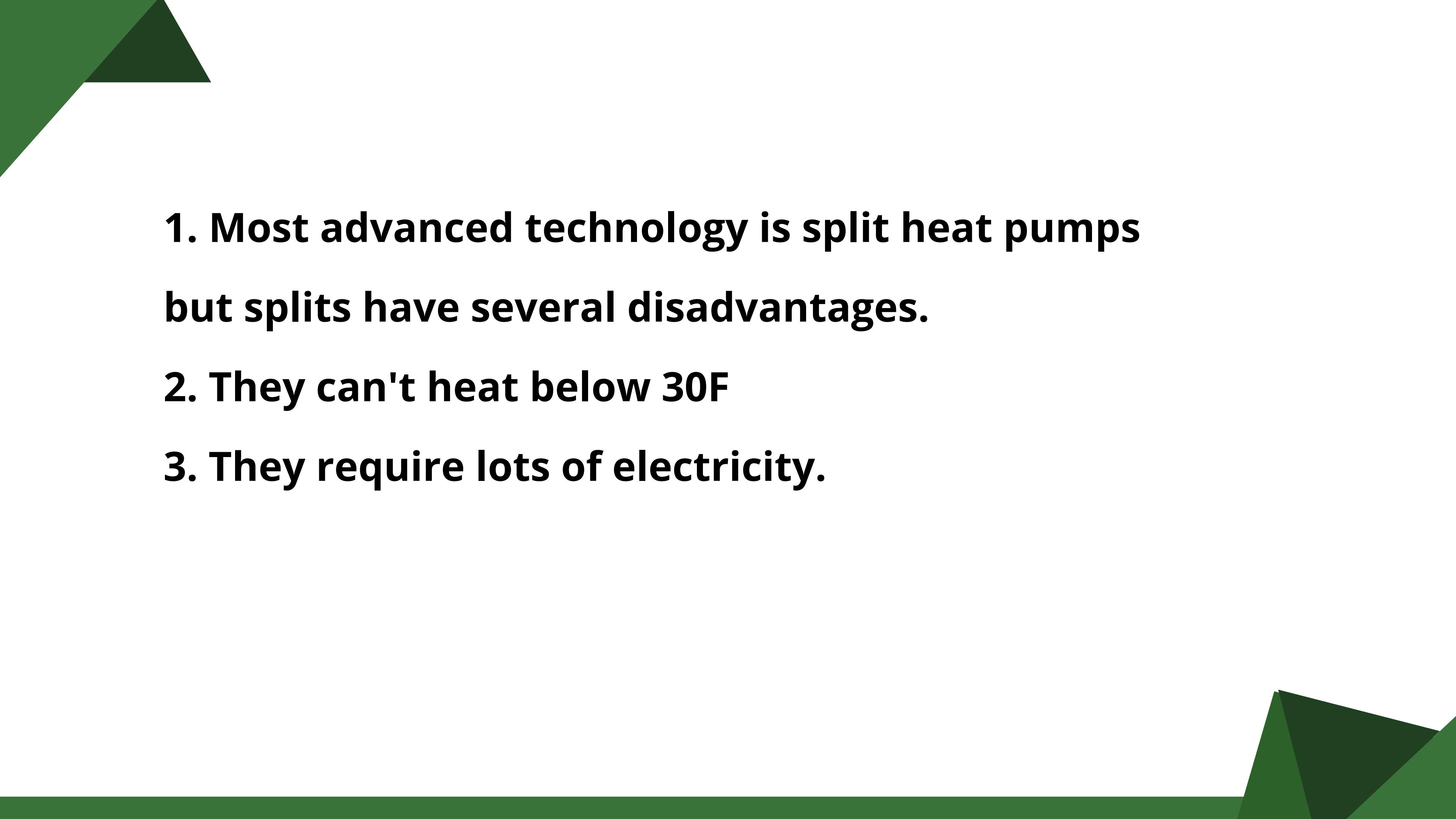
# 40 WEST 37TH ELECTRIFICATION



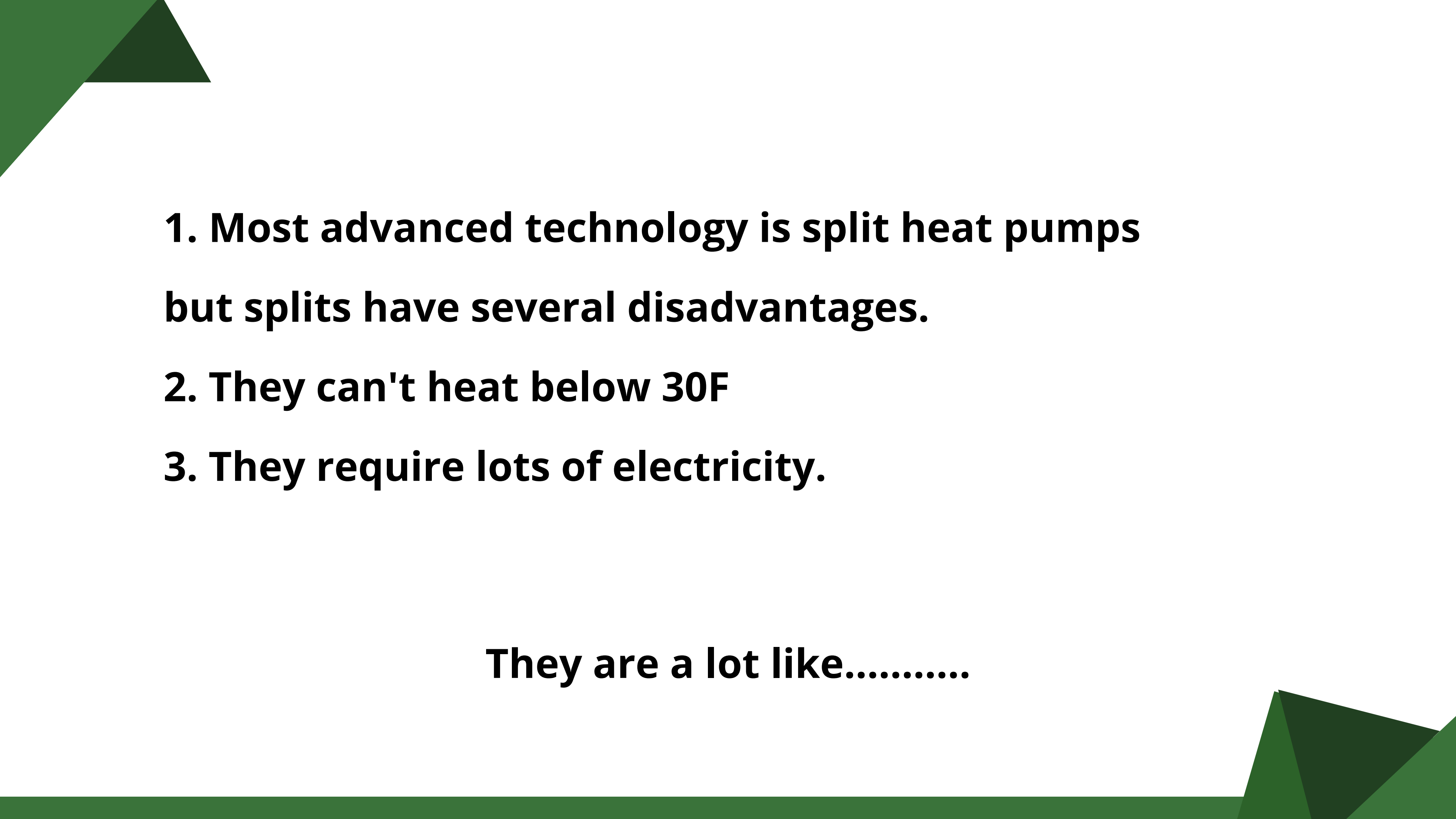


**1. Most advanced technology is split heat pumps  
but splits have several disadvantages.**

- 
- 1. Most advanced technology is split heat pumps but splits have several disadvantages.**
  - 2. They can't heat below 30F**

- 
- 1. Most advanced technology is split heat pumps but splits have several disadvantages.**
  - 2. They can't heat below 30F**
  - 3. They require lots of electricity.**



- 
- 1. Most advanced technology is split heat pumps but splits have several disadvantages.**
  - 2. They can't heat below 30F**
  - 3. They require lots of electricity.**

**They are a lot like.....**



# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

- 1. Plan your Approach**
- 2. Research free money**
- 3. Evaluate electric amperage-condition**
- 4. Seal the building**
- 5. Decrease summer peaks**

# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

- 1. Plan your Approach**
- 2. Research free money**
- 3. Evaluate electric amperage-condition**
- 4. Seal the building**
- 5. Decrease summer peaks**

**Contact Tom to take your one next step**



# YOU CAN DO MORE FOR ELECTRIFICATION THAN YOU THINK

1. Plan your Approach
2. Research free money
3. Evaluate electric amperage-condition
4. Seal the building
5. Decrease summer peaks

**Contact Tom to take your one next step  
You have nothing to lose**



- We know what you are going through, we have helped hundreds of similar properties.
- Clients have *trusted us for so long* that we are *one of the three oldest* energy engineering firms in New York City.
- Only a handful of properties have been electrified, we have guided two of them.



# GEATAIN ENGINEERING NYC ACCELERATOR CERTIFIED

Geatain Engineering has been NYC Accelerator certified vendor since it was know as the "Retrofit Accelerator"



# New Geatain INFOSITE (summer 2024):

- LL97 NEXT STEPS
- PAST SLIDE DECKS
- PAST WEBINAR RECORDINGS
- MANY SAVINGS GUIDES
- OVER 25 TESTIMONIALS
- MOST CASE STUDIES-EXPERIENCES

**geatain**  
**SIMPLE LL97 COMPLIANCE**

# NYC BUILDING ENERGY-PRESENTATION SCHEDULE

## Future:

- June 25, 2pm- "Building Local Law Due in 6 Months"
- July 30, 2pm- "100% Funding for Your Energy Retrofit"
- August 27, 2pm -"First LL97 Microsteps Everyone Forgets"

## Past:

- 7 Insights into September 2023 Changes to LL97 (recordings available)
- 12 Funding Sources for your Energy Projects (recordings available)
- Most Forgotten NYC Energy Local Law-LL88" (recordings available)
- LL97 101 (recording available)
- 12 Ways to Easily Save 6-8% (recording available)

—  
Questions?

---







# Geatain Engineering

112 West 34<sup>th</sup> Street

18<sup>th</sup> Floor

New York, NY 10120

[www.geatain.com](http://www.geatain.com)

Tom McGovern

Cell (631) 521-3594

[tjm@geatain.com](mailto:tjm@geatain.com)