

BUILDINGENERGY BOSTON

Energy as a Human Right: Creating Energy Resiliency in Low-Income Communities

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THE VISION

Driven by **community involvement**, **investment**, and **local government support**, these microgrids will have lasting, positive effects on local residents and economies. The team believes that this work will not just provide a **layer of energy independence**, but also **bring residents together**.



GREEN JUSTICE COALITION 



CLEAN ENERGY 
SOLUTIONS

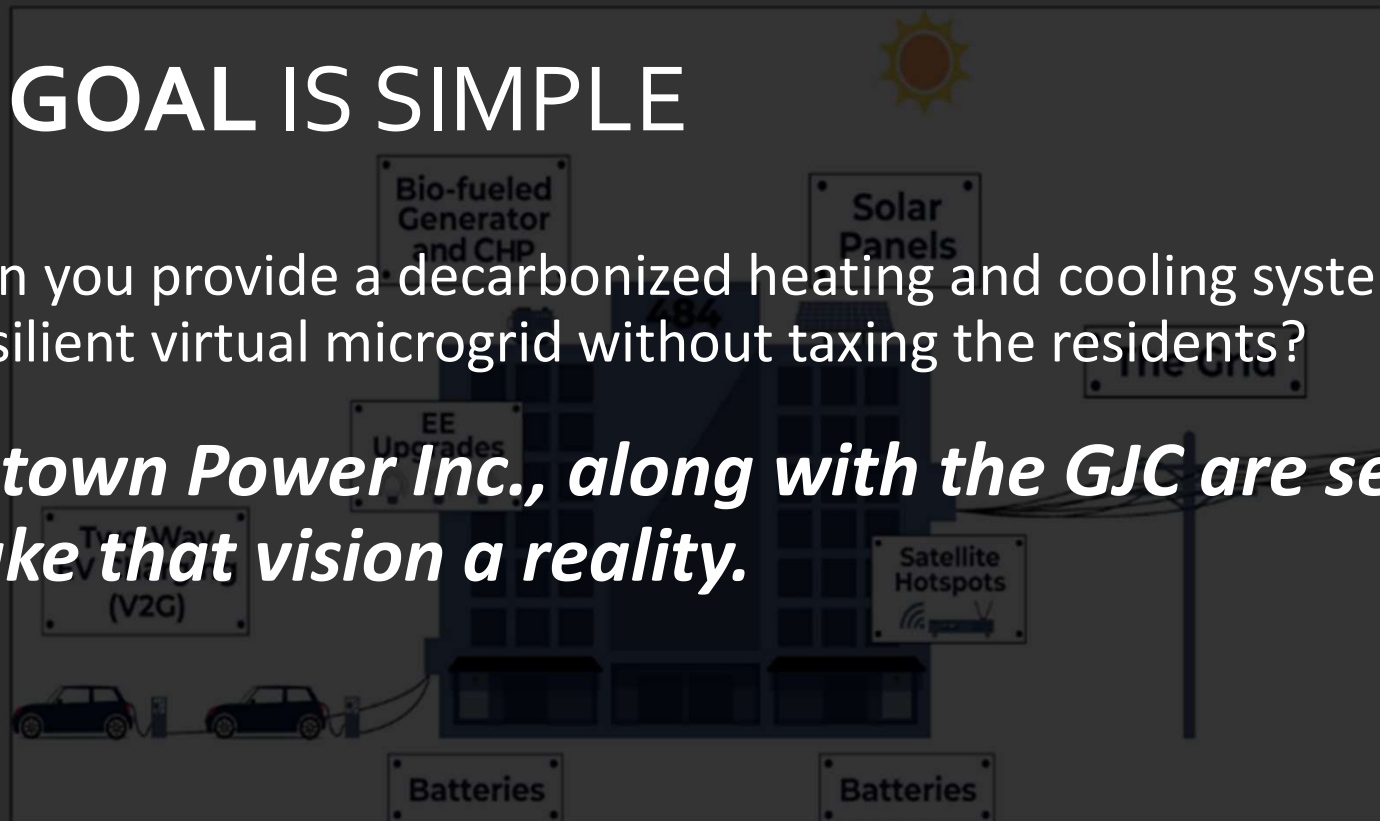
PEREGRINE 
ENERGY GROUP



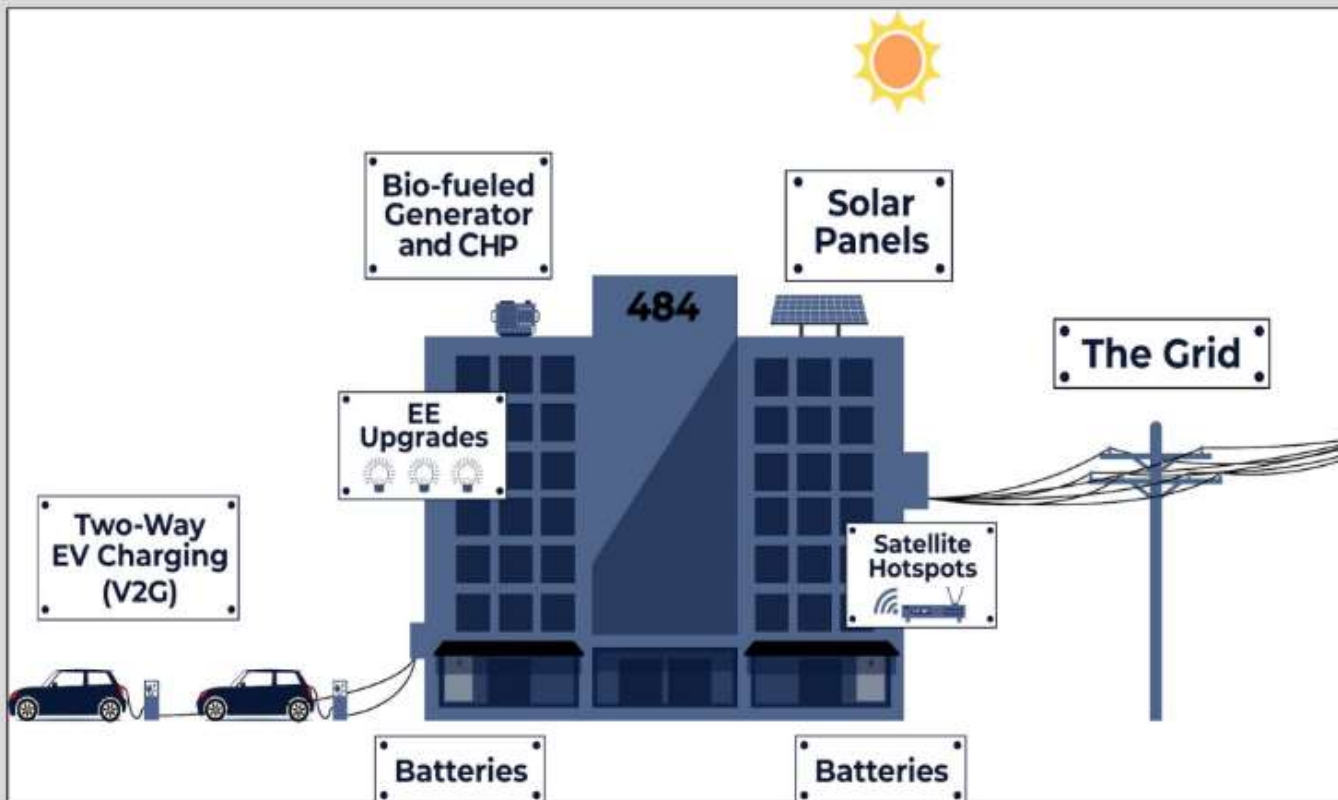
THE GOAL IS SIMPLE

How can you provide a decarbonized heating and cooling system on a resilient virtual microgrid without taxing the residents?

Chinatown Power Inc., along with the GJC are set to make that vision a reality.



Resilience Trifecta: clean & reliable electricity, emergency transportation & uninterrupted wifi

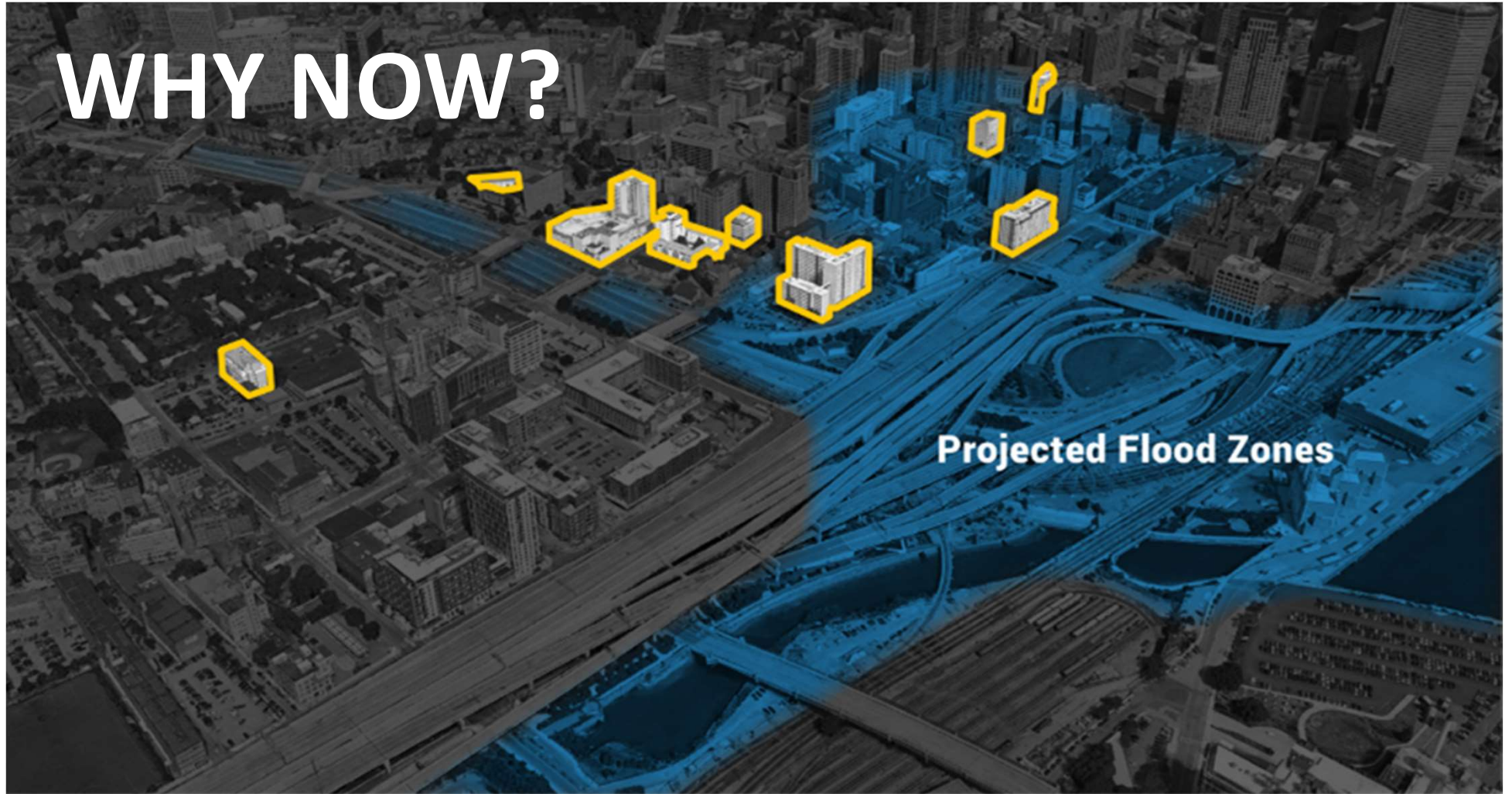


Resilience Trifecta: clean & reliable electricity, emergency transportation & uninterrupted wifi

RUN-GJC CHINATOWN BOSTON MICROGRID



WHY NOW?



Projected Flood Zones

STAKEHOLDER ENGAGEMENT



STAKEHOLDER ENGAGEMENT





THE CHALLENGES

TECHNICAL | FINANCING | REGULATORY



How can we accelerate clean energy and resilient power to environmental justice and low-income communities?

Lessons Learned

1. IRA funding for heat pumps - still a question
2. Shift utility responsibility without increasing tenant burden
3. Li-Ion battery projects in Boston is a challenge
4. Start early with community involvement.
5. Bring the utility in early to understand the technical challenges
6. It is difficult to provide resilience to every resident, but can be done at the house level for small resilience hubs

QUESTIONS?

THE CLIMATE IS
CHANGING



SO SHOULD WE!

#ACTNOW