

An aerial view of a city skyline, likely New York City, with a blue overlay. The Empire State Building is prominent in the center. The sky is blue with white clouds. In the bottom right corner, there are several semi-transparent blue circles of varying sizes.

Leading the way to urban clean energy: Introduction to NineDot Energy

December 2023



What we do

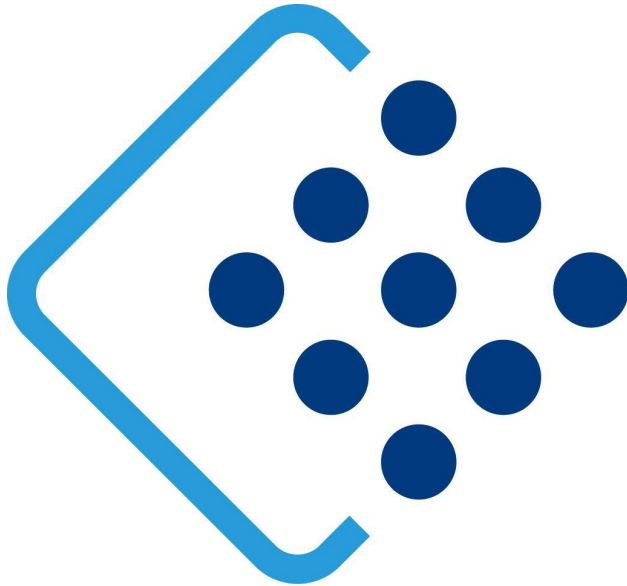
We build urban, community-scale clean energy projects

- We have the **largest active portfolio** of community clean-energy projects in the New York City metro area
- Our primary focus is on **building battery storage** in the Bronx, Brooklyn, Queens and Staten Island as well as Westchester County and Long Island
- We are well on our way to **achieving our goal** of 400 MW in development by the end of 2026



We help make the New York City metro area power grid cleaner, more resilient, more equitable and less costly

Our brand – and business model – come from the classic “nine dots” mathematical puzzle

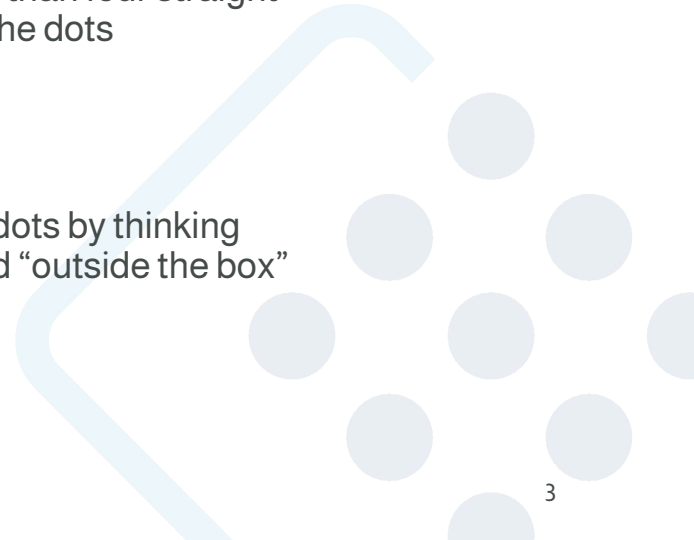


Challenge:

With no more than four straight lines, join all the dots

Solution:

Connect the dots by thinking creatively and “outside the box”





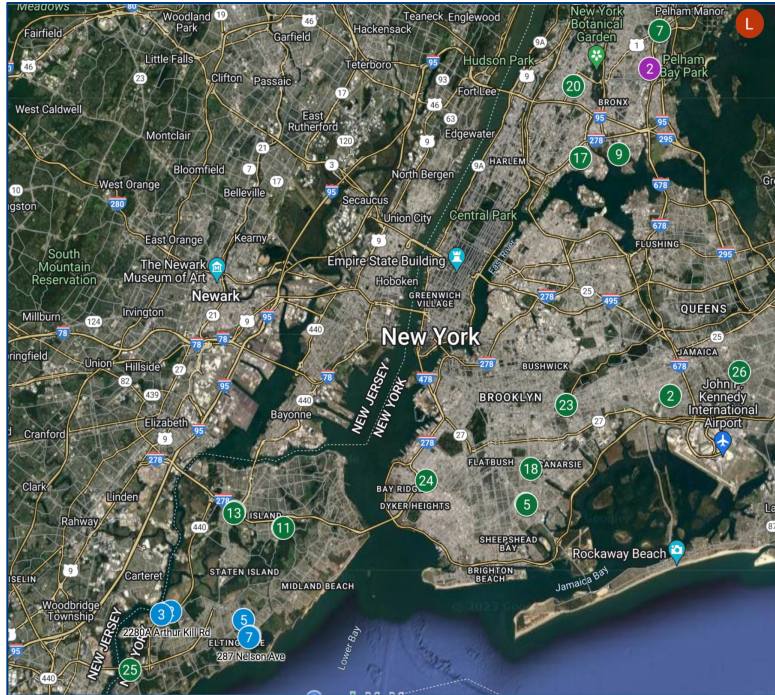
How we do it

We buy or lease underutilized property and handle development, permitting and operations



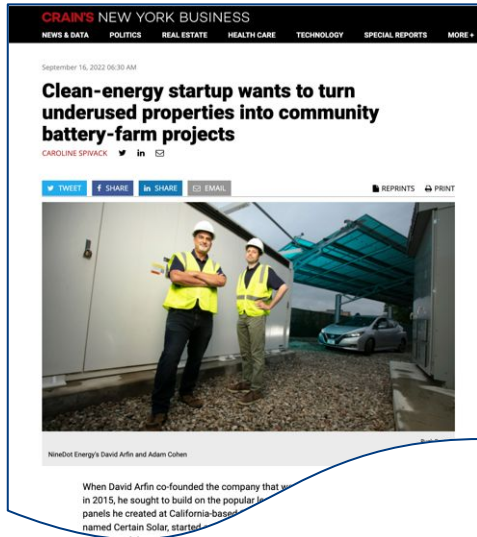
“We’re excited to generate new value from our site while supporting New York’s transition to a cleaner, stronger electric grid.”
–Bronx landowner

We are laser-focused on the NYC metro area



Our pipeline is large and growing – we are active across all stages of finding and building operational energy sites

We are important to New York's energy transition



[Clean-energy startup wants to turn underused properties into community battery-farm projects](#)



[New York City Is Using More Green Energy. But it Has a Storage Problem](#)

Based at NYU's Urban Future Lab, NineDot grew from 4 employees to 24 in 2022, to 44 employees as of November 1, 2023

We work with a broad, committed group of vendors, partners, agencies and industry orgs



We have launched breakthrough “firsts” for the New York City region



The 1st and largest community-scale low-carbon electricity generation project (Staten Island)



The 1st Tesla Megapack, community-scale battery storage project (Bronx)



The 1st vehicle-to-grid (V2G), bidirectional charging project (Brooklyn)

We are eager to support the adoption of EVs

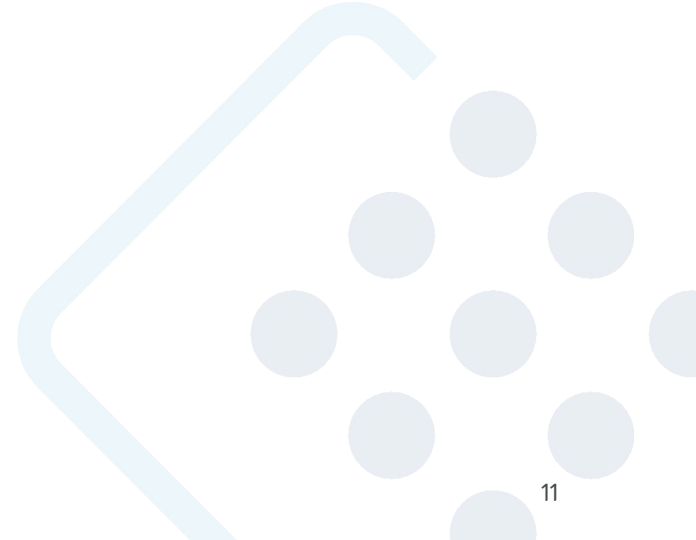
Increasing the adoption of EVs is aligned with our mission and our business

- We are actively exploring **V2G monetization pathways** that leverage our expertise operating BESS in the downstate New York market
- We are also working to **deploy EVSE at NineDot owned and leased locations** as well as at partners' existing and new sites



Who we benefit

Why battery storage makes a difference



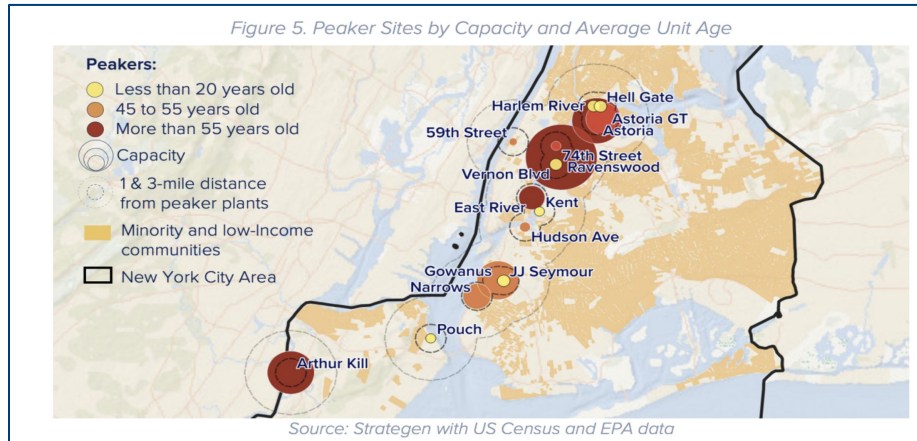
We are part of the community

(clean energy mural celebration, Northeast Bronx, 10/14/23)



Dirty “peaker” plants are disproportionately sited near low-income communities

In NYC, 750,000 people live within ONE mile of a peaker plant; of those residents, 78% are either low-income or people of color

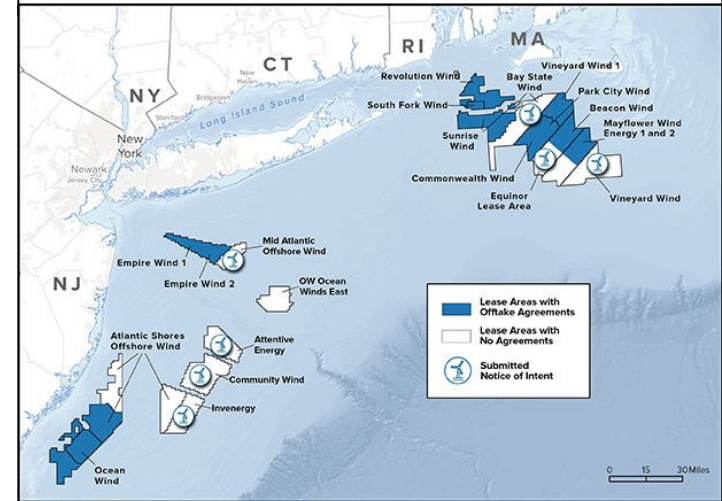
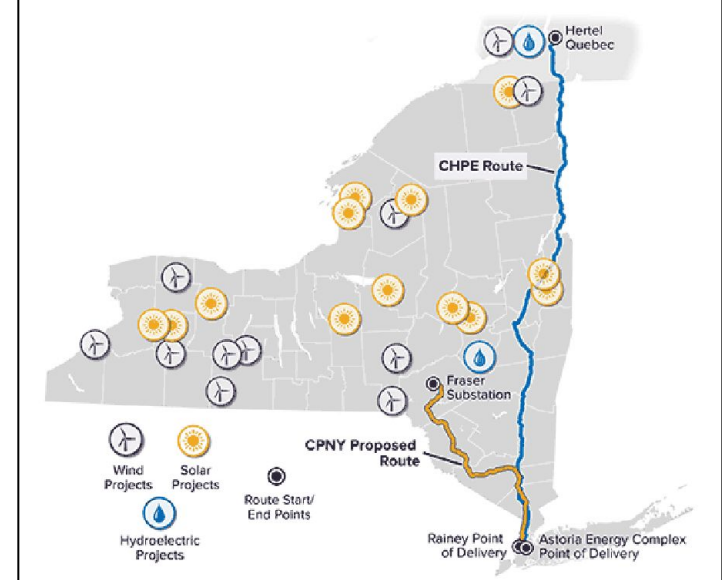


Battery storage is a pathway to environmental justice

Source: Fossil Fuel End Game, March 2021, Page 19, Peak Coalition

Battery storage is critical to reach 100% clean electricity

- Large-scale renewable electricity is coming to NYC, including offshore wind and upstate solar, wind and hydro
- Large quantities of battery storage will be needed to integrate renewables
 - New York State: targeting 6,000 megawatts of energy storage statewide by 2030
 - New York City: targeting 500 megawatts of energy storage citywide by 2025. Offsite NYC battery energy storage supports emission reductions under Local Law 97
 - Federal: A key component of the Inflation Reduction Act is to provide incentives for energy storage



Community-scale battery storage solves the urban density problem



5 MW battery



A 5 MW battery storage project requires a small fraction of the space relative to a similarly-sized solar project
(0.25 acres vs. 25 acres)

Thank you!

Let's work together to help make the New York City, Long Island and Westchester area electric grids cleaner, more resilient, more equitable and less costly



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Questions?