


Leading the way to urban clean energy:

Introduction to NineDot Energy

September 2024



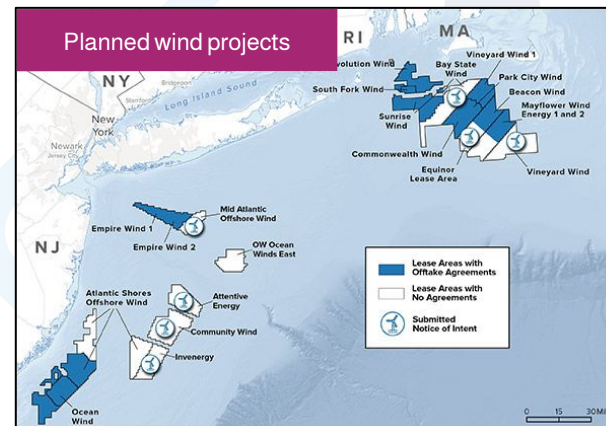
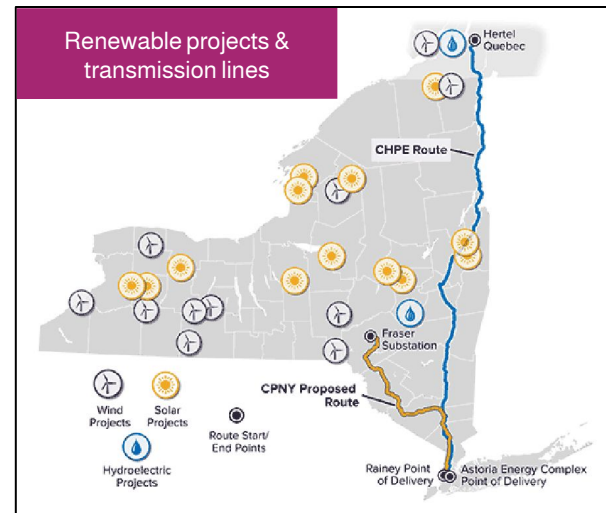


**NineDot helps make the New
York City metro area power grid
cleaner, more resilient, more
equitable and less costly**

The urban energy problem

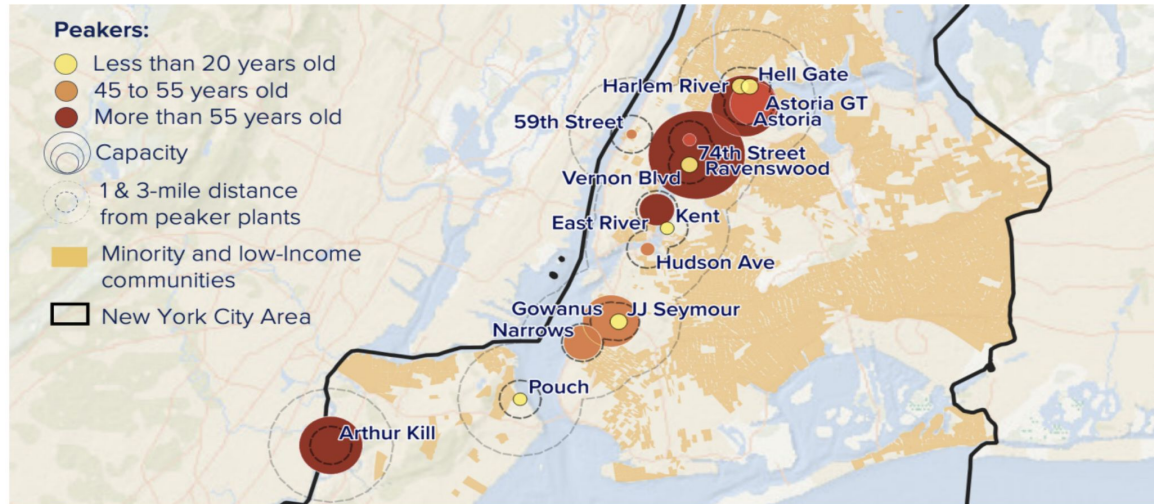
Battery storage is critical for NY to reach 100% clean electricity

- 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 these renewables
 - **New York State:** targeting 6,000 megawatts of energy storage statewide by 2030
 - **New York City:** targeting 500 megawatts of energy storage installed 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



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

Figure 5. Peaker Sites by Capacity and Average Unit Age



Source: Strategen with US Census and EPA data

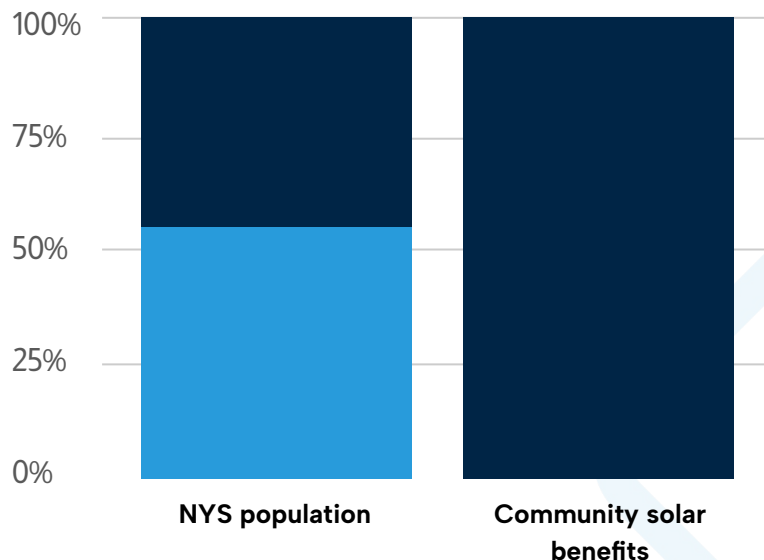
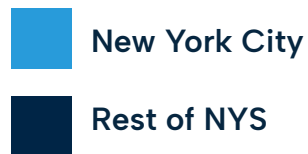
Source: Fossil Fuel End Game, March 2021, Page 19, Peak Coalition

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

Community solar and its economic benefits are concentrated in upstate NY

Population and Community Solar Distribution in NYS



NYC residents are 55% of the state's population but receive only 3% of community solar benefits

It's impractical to build large community solar projects in NYC

Sources:

(1) <https://data.nrel.gov/submissions/203>

(2) https://hudgis-hud.opendata.arcgis.com/datasets/HUD_low-to-moderate-income-population-by-tract/about

Community-scale battery storage solves the urban density problem



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)

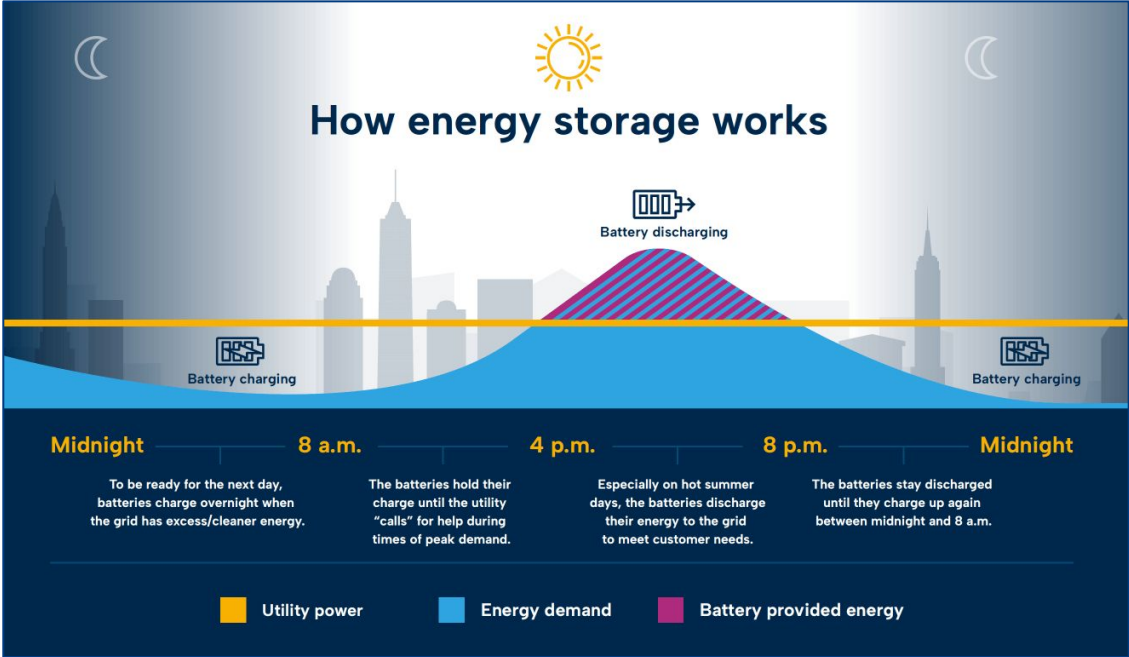
NineDot Energy's solutions

We build and operate urban community-scale battery energy projects

- NineDot™ has the largest pipeline of community energy projects in New York
- 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 megawatts of projects in development or operation by the end of 2026
- Over time, we expect to enhance our projects with EV charging



Batteries make the grid more resilient and ready for renewables



Summer 2024 illustration

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



Our Bronx battery storage + solar project is providing electricity to the local community at times of peak demand, especially in the summer

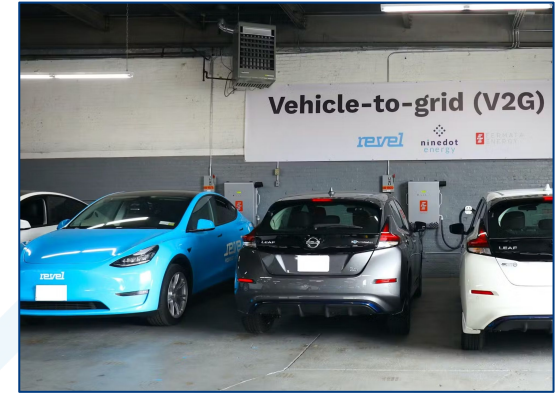
We have launched breakthrough “firsts” for the New York City region



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 work successfully with an important range of urban energy stakeholders

- **Landowners** providing sites for our energy solutions
- **Regulators** eager for committed developers
- **Policymakers** excited to improve their communities
- **Communities** and organizations focused on bringing benefits to their areas
- **Technology** providers looking for partners who get things done
- **Subscribers** ready to benefit from clean energy credits while supporting sustainability



Expertise and capital

Our founders have worked together for over 10 years



Adam Cohen, PhD

CTO, Co-Founder



David Arfin

CEO, Co-Founder



Nalin Kulatilaka, PhD

Chief Strategy Officer, Co-Founder



Our extended leadership team brings functional excellence to the business



Anthony Santamaria
Vice President, Construction



Emily Wheeler
Chief of Staff



Fred Polirer
Vice President,
People and Culture



Jon Carbajal
Senior Director,
Product Development



Karen Alter
Chief Marketing Officer

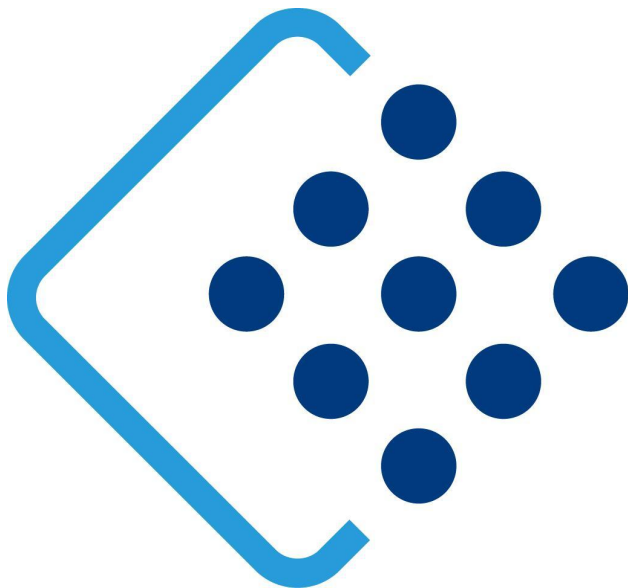


Nick Lombardi
Senior VP, Project
Development and
Construction



Nick Mack
General Counsel

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

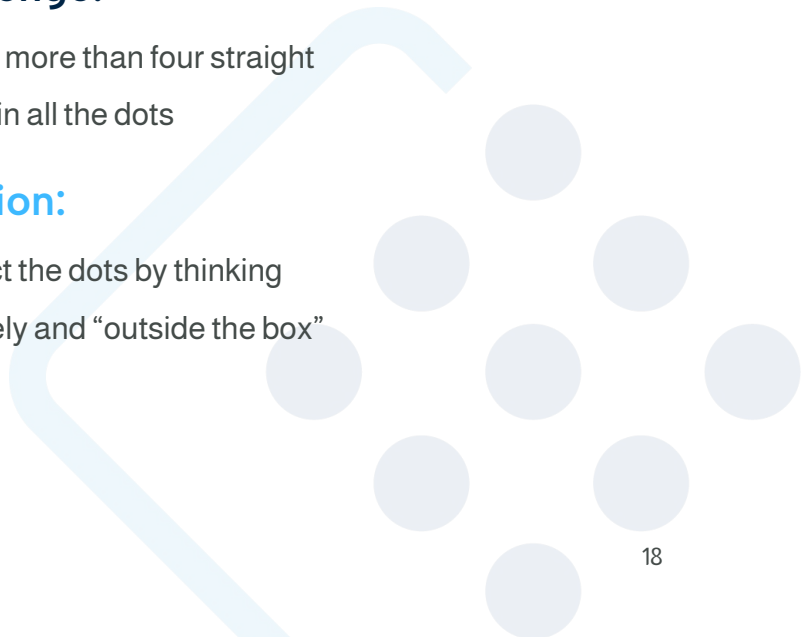


Challenge:

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

Solution:

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



Our mission, vision and values drive our company

Mission

At NineDot Energy, our team of creative collaborators shares a passion to design and execute innovative solutions that leverage technology, policy and markets to support a sustainable future

Vision

Climate change is the most critical issue of our time: as such, we aspire to have a positive impact on the environment and the society in which we live and work

Values

- Excellence
- Grit
- Innovation
- Learning
- Respect
- You

Our actions and culture align with our mission and values



5. NINEDOT ENERGY

Renewable Energy

Company size	Small
Local employees	30
Total U.S. employees	30
Female executives	40%
Voluntary turnover	0%



We are part of the community

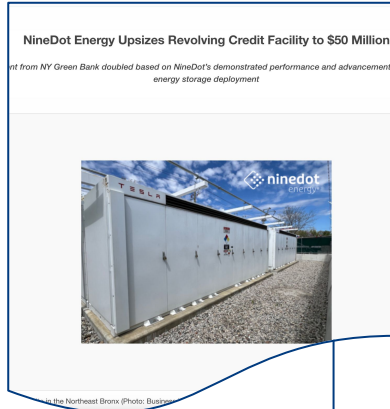
NineDot collaborated with the Bronx Charter School for Better Learning 2 for months, beginning with an after-school STEM program supported by NineDot employee volunteers and culminating in a student-created mural, based on their ideas and hopes of what a clean energy city would look like. The mural now hangs outside of our first battery site, across the street from the school



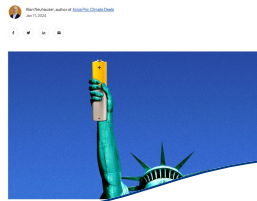
We have the capital to make our vision a reality

NineDot Energy Upsizes Revolving Credit Facility to \$50 Million

July 2024



NineDot Energy raises \$225M for community batteries



NineDot Energy raises \$225M for community batteries

January 2024

Clean-energy startup lands \$25M in state financing to grow battery storage

July 2023



NineDot Energy Secures \$85 Million Construction-to-Term Debt Facility



NineDot Energy Secures \$85 Million Construction-to-Term Debt Facility

December 2022

NineDot Lands Carlyle Investment for New York Battery Projects

January 2022



Thank you!

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



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