

The background of the slide features a close-up, slightly blurred view of architectural blueprints spread across a spiral-bound notebook. A blue pen lies diagonally across the top right corner of the notebook. The blueprints show various floor plans with lines, grids, and some handwritten numbers like '580' and '150'. The overall color palette is a mix of light blues, greens, and yellows, creating a clean and professional aesthetic.

Greening the Blueprint: ESG and Brownfields

Amanda Kaier

Clean Energy Incentives

- 01 Benefits of Clean Energy Adoption by Businesses
- 02 Property Assessed Clean Energy (PACE) Financing
- 03 NYSERDA Programs
- 04 Utility Programs
- 05 Inflation Reduction Act Tax Credits

Benefits of Clean Energy Adoption by Businesses

- Reduce Pollution and Green House Gas Emissions
- Save Energy and Money
- Lower Operating Cost (Maintenance and Utility Bills)
- Marketability - Promote yourself as a Green Company!
- Lead by Example
- Utility Programs and Rebates (National Grid / NYSEG)
- NYSERDA Programs
- Tax Credits and Incentives
- Return on Investment for Projects
- Increased Productivity
- Increased Comfort
- Protect the Environment and the Community

Property Assessed Clean Energy (PACE)

Financing for property owners to fund energy efficiency and renewable energy projects through a property owner's voluntary agreement to have a special assessment or special tax charge placed on their annual property tax bill. This provides financing for these types of improvements over time without requiring the property owner to make a large upfront investment.

Participating Municipalities:

Counties: Oneida, Montgomery, Otsego

Cities: Amsterdam, Utica

Renewable Energy Technologies:

- Solar
- Wind
- Heat Pumps (Geo and ASHP)
- Anaerobic Digester Gas
- Fuel Cells
- Energy Storage
- Energy Efficiency

Energy Efficiency Improvements:

- Windows and Doors
- Lighting
- Air Sealing
- Insulation
- Heating and Cooling Systems
- Water Saving Fixtures

NYSERDA Programs

New York State Energy Research and Development Authority (NYSERDA) offers many programs to businesses! Beyond helping the environment, using renewable energy and making your business energy-efficient enhances profitability.

Some Possible Programs:

- [Building Operations and Performance Programs](#)
- [Consulting and Engineering Services](#)
- [Industrial and Special Equipment](#)
- [Heating, Cooling, and Ventilation](#)
- [New Construction and Renovations](#)
- [Workforce Staffing and Training Programs](#)
- [Lighting and Controls](#)
- [Renewable Technologies](#)
- [Clean Transportation](#)



NYSERDA Regional Clean Energy HUBS and Clean Energy Advisors!

Utility Programs

National Grid and NYSEG both offer many incentives and rebates for energy efficiency projects.

Project Types:

- LED Lighting Upgrades
- HVAC Upgrades
- Commercial Kitchen Rebates
- Water Saving Fixtures
- EV Charging Stations
- NYS Clean Heat Program (Heat Pumps)
- Compressed Air Systems
- Energy Audits

There are also grants available through [Shovel Ready](#) (National Grid) and [Look Upstate NY](#) (NYSEG) for Infrastructure, Heat Pumps, [Brownfield / Building Redevelopment \(NYSEG\)](#), [Brownfield Redevelopment Assistance Program \(National Grid\)](#), and more!

Inflation Reduction Act Tax Credits

The IRS is working on implementing the Inflation Reduction Act of 2022. This major legislation will affect individuals, businesses, tax exempt and government entities.

Bonus Incentive Credits:

Qualifying energy projects that also meet other specific criteria may be eligible for additional tax credit amounts (also known as bonuses).

- Energy Community – Brownfield Category

Tax Credits:

- Advanced Energy Project Credit
- Credit for Electricity Produced from Certain Renewable Resources
- Credits for New Clean Vehicles Purchased in 2023 and After
- Credits for New Electric Vehicles Purchased in 2022 and Before
- Commercial Clean Vehicle Credit
- Energy Credit for Solar and Wind Facilities
- Energy Efficient Home Credit
- Incentives for Biodiesel, Renewable Diesel and Alternative Fuels
- And more!

Other Opportunities

There are many other opportunities for Clean Energy Projects:

- [NYS Consolidated Funding Application \(CFA\) Grants](#)
- [Department of Energy \(DOE\) Funding Opportunities](#)
- [US Department of Agriculture \(USDA\) Grants](#)
- [Environmental Protection Agency \(EPA\) Grants](#)
- [Empire State Development \(ESD\) Grants](#)
- And Others!



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Thank You
