

# Town of Lewisboro

## A Clean Energy Community

Sustainable Lawn Care in Lewisboro



# Lewisboro – A Clean Energy Community

## The Opportunity

- *New York State Energy Research and Development Authority (NYSERDA) - Clean Energy Communities: Leadership Round*
  - Program Opportunity Notice (PON) 3298 - Effective January 2021
  - For local government officials and staff who want their communities to benefit from the new clean energy economy but struggle with tight budgets and limited staff.
  - By providing grants, coordinator support, and clear guidance for implementing a range of high-impact clean energy actions, NYSERDA is helping local governments save money, grow the local economy, and improve the environment.
- *NYSERDA Grant Funds for Completing High Impact Actions*
  - 13 High Impact Actions are scored, including:

# Clean Energy Communities - High Impact Actions

200  
POINTS

## UNIFIED SOLAR PERMIT

Adopt the NYS Unified Solar Permit to streamline the approvals process for small-scale solar

200  
POINTS

## ENERGY CODE ENFORCEMENT TRAINING

Train code compliance officers in best practices in energy code enforcement

Up to 500  
POINTS

## PACE FINANCING

Authorize a financing program for clean energy upgrades to commercial or non-profit property

500  
POINTS

## CLEAN ENERGY UPGRADES

Achieve a 10 percent reduction in the greenhouse gas emissions from municipal buildings

500  
POINTS

## CLEAN HEATING AND COOLING DEMO

Convert a municipal facility to all-electric with ground- or air-source heat pumps

500  
POINTS

## 100% RENEWABLE ELECTRICITY

Use renewable energy resources for all the electricity supply needs of municipal government

# Clean Energy Community - High Impact Actions

UP TO 800  
POINTS

## CLIMATE SMART COMMUNITIES CERTIFICATION

Earn Climate Smart Communities Certification to reduce carbon emissions and build resilience

Up to 900  
POINTS

## LED STREET LIGHTS

Convert at least half of the municipal cobra-head or decorative-style streetlights to LED

UP TO 1,100  
POINTS

## BENCHMARKING

Adopt a policy to track and report the energy use of municipal buildings or large private buildings

UP TO 1,000  
POINTS

## CLEAN FLEETS

Deploy light to heavy duty electric vehicles, or install electric vehicle charging stations

UP TO 2,000  
POINTS

## COMMUNITY CHOICE AGGREGATION

Dramatically reduce carbon emissions by transitioning to a clean, renewable electricity supply

### ACTION GRANTS

1,200  
POINTS

UP TO  
\$50,000

## NYSTRETCH ENERGY CODE

Adopt an energy code that is more stringent than the base energy code

Up to 800  
POINTS

UP TO  
\$60,000

## COMMUNITY CAMPAIGNS

Undertake one or more campaigns to promote clean energy in your community

# Clean Energy Community – Lewisboro’s Scorecard

Thank you for participating in NYSERDA’s Clean Energy Communities Program. This scorecard shows your community’s accomplishments and how they compare to others in your region and across New York State.

Select Your Community: Town of Lewisboro

**Town of Lewisboro**



*A NYSERDA Clean Energy Community*

**12,411**  
POPULATION (2010 CENSUS)

**Mid-Hudson**  
REGION

**Westchester**  
COUNTY

**54**  
DESIGNATED COMMUNITIES  
IN THE REGION

**353**  
DESIGNATED COMMUNITIES  
STATEWIDE

## Accomplishments

**4**

ACTIONS COMPLETED



**2,400**

POINTS EARNED

### High Impact Actions

	Count	Points
Community Choice Aggregation	2	1,500
LED Street Lights	1	700
PACE Financing	1	200
<b>Grand Total</b>	<b>4</b>	<b>2,400</b>

## Leaderboard

Regional Leaders	Points
Village of Hastings-on-Hudson	5,500
Town of Bedford	5,000
Village of Croton-on-Hudson	5,000
Statewide Leaders	Points
Village of Hastings-on-Hudson	5,500
Town of Bedford	5,000
Village of Croton-on-Hudson	5,000

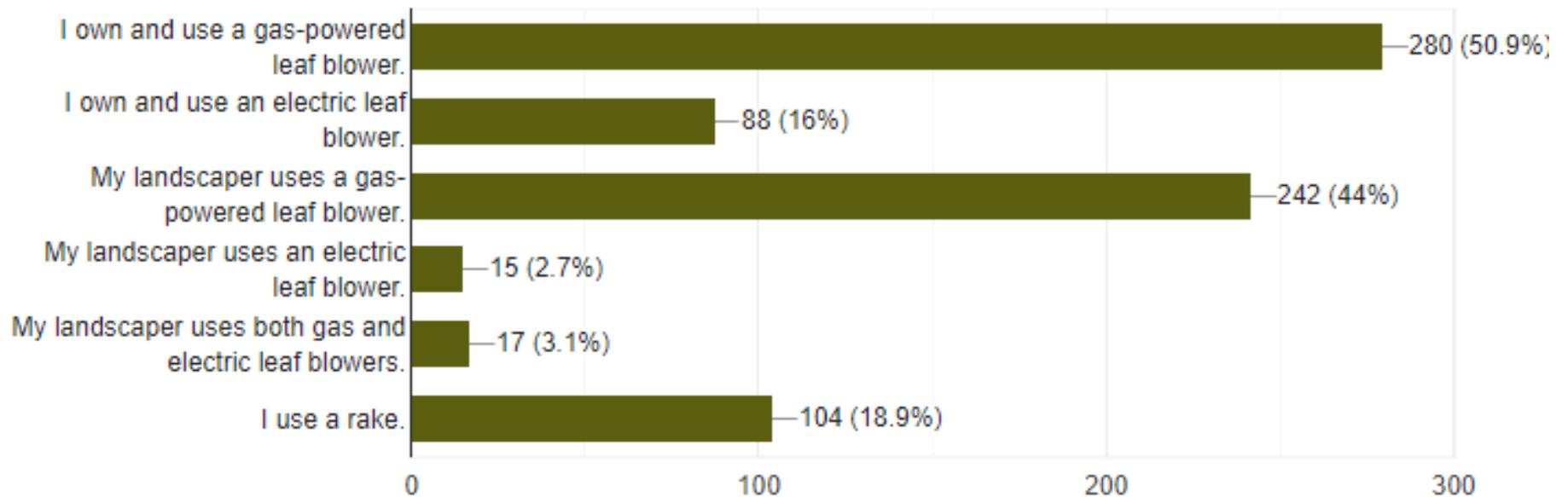
# Clean Energy Community – Lewisboro’s Award

- \$5,000 Awarded Designation Grant for completing four (4) High Impact Actions
- *How will we use it?*
- Sustainability Committee recommendation:
  - Reduce environmental impacts from fossil fuel powered lawn care equipment
    - Greenhouse gas emissions, health effects, noise pollution
  - Make grant funds available to discount electric lawn care equipment such as leaf blowers and mowers

# Clean Energy Community – Leaf Blowers in Lewisboro

Which best describes your personal experience of leaf blowers (check all that apply)?

550 responses



\*Source: 2020 survey of Lewisboro residents

Approximately half of respondents own and use gas-powered leaf blowers and almost half engage landscapers that use gas-powered leaf blowers

# Clean Energy Community – Leaf Blower Operating Costs

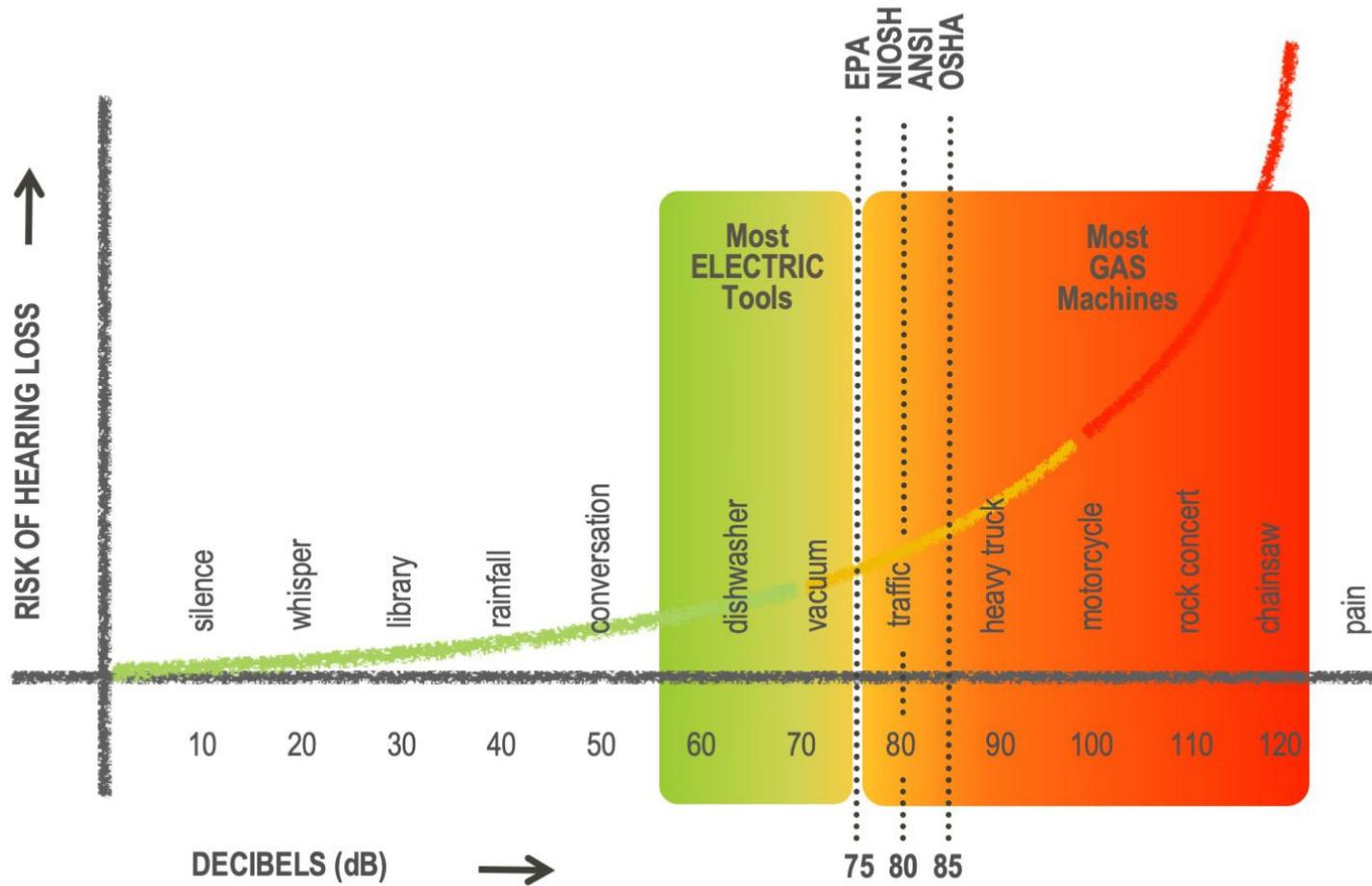
	Gas Blower	Electric Blower
Fuel+Oil+Maintenance Per Hr	\$1.25 / hr	20¢ / hr
Operating Hours Per Year	850	850
Operating Cost Per Year	\$1,062	\$170

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**Annual Savings of Electric Blower Over Gas → \$892**

\*Source: agza.net

# Clean Energy Community – Leaf Blower Noise



\*Source: agza.net

## Clean Energy Community – Use of Funds

- Coupons to purchase zero-emission electric-powered equipment for residents and landscapers
  - Residents: \$25 to \$100 coupon; higher end for trade-in
  - Landscapers: say, \$25 per customer up to \$200
    - Lewisboro customer must require landscaper to use electric
  - Program administration through the American Green Zone Alliance – AGZA
  - Engage local vendors to make equipment available
    - Electric-powered leaf blowers, lawn mowers, edgers, etc.

# Clean Energy Community – Use of Funds

THE ASK: Lewisboro Town Board to approve resolution to use the NYSERDA Clean Energy Communities Designation Grant to operate an electric battery powered lawn care equipment campaign to reduce greenhouse gas emissions in Lewisboro.

Thank you on behalf of the Town of Lewisboro Sustainability Advisory Committee  
Robert Fischman, Chairperson

[robert@sustainablepromise.com](mailto:robert@sustainablepromise.com)

(914) 490-0540