

NEWS RELEASE

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AS STATE SENATE PASSES ELECTRIC LAWN EQUIPMENT REBATE BILL WITH BIPARTISAN SUPPORT, 100 GROUPS ENDORSE PROPOSAL

Public health, environmental, and community groups call on state legislature to pass S1574/A2657 to promote transition from gas-powered lawn equipment to electric

[ALBANY, NY] – [Over 100 environmental, public health, and community organizations from across New York distributed a letter to members of the state senate and assembly last week, calling for the swift passage of a proposal pending in the legislature to help transition to clean and quiet electric lawn equipment and away from dirty gas-powered lawn equipment.](#)

As the signers note, “This legislation will play a critical role in reducing global warming pollution, improving air quality, and reducing noise pollution by promoting the adoption of zero-emission, quieter lawn care equipment.”

The proposed legislation ([S1574](#) in the state Senate and as bill [A2657](#) in the state Assembly) has been introduced by State Senator Liz Krueger and State Assemblyman Steven Otis.

"Addressing the climate crisis requires action on all fronts," stated the legislation's lead sponsor, New York State Senator Liz Krueger. "Gas-powered landscaping equipment emits a stunning amount of greenhouse gases and co-pollutants, not to mention the noise that blights communities across the state. This bill will make it easier for New York's landscaping companies to transition to cleaner, quieter equipment. It's a win for small businesses, workers, communities, and our shared environment."

S1574/A2657 would create a statewide rebate program for electric landscaping equipment to incentivize lawn care companies and local government maintenance crews in New York to switch from dirty gas-powered lawn equipment for clean, electric lawn equipment.

"For years New Yorkers have endured the loud noise and lousy smells of gas-powered landscaping equipment, but for workers it's far worse. They experience the dangerous levels of emissions and noise every day, all day. This legislation will go a long way toward making New York quieter and its air cleaner. We urge action this session," said Blair Horner, Senior Policy Advisor at NYPIRG.

Research shows that gas-powered lawn equipment produces an outsized amount of air, climate and noise pollution—both in New York state and nationwide. According to the Respiratory Health Association, gas-powered lawn equipment contributes to [ground-level ozone and fine particulate pollution \(PM 2.5\)](#), to which even short-term exposure can cause or contribute to [asthma, heart attacks, cardiovascular disease, and premature death](#).

"The release of today's letter shows the broad support for implementing rebates for cleaner and quieter electric lawn equipment," noted Environment America's David Masur. "From Buffalo to Long Island and everywhere in between, local conservation organizations, and public health and community groups support helping our local businesses transition to cleaner alternatives."

Gas-powered lawn equipment also emits [high levels of carcinogens](#), such as benzene and butadiene, along with other toxic compounds, including formaldehyde (a known respiratory and skin irritant) and nitrous oxides (which can cause lung damage and disease and is one of the key precursor pollutants that combines chemically to form ground-level ozone).

"The Quiet Clean Alliance applauds this legislation," noted Jill Bellenger, the Quiet Clean Alliance's New York State Coordinator. "We look forward to the transition to cleaner, quieter, and healthier practices in our neighborhoods and public spaces. It is a win-win for all."

Gas powered lawn equipment is also a major culprit for global warming pollution. [It's estimated that in 2020 alone, gas-powered lawn equipment in New York produced almost 1.4 million tons of climate pollution, equal to the emissions from more than 300,000 cars annually.](#)

Moreover, in a [recent](#) study from the Environment America Research & Policy Center, New York State ranked 3rd in the country for fine particulate emissions from lawn equipment, and 4th in the nation for carbon dioxide emissions. Air pollution emissions from gas-powered lawn equipment are so high that **operating a gas-powered leaf blower for just one hour produces as much smog-forming pollution as driving a car 1,100 miles – [the distance from Albany to Jacksonville, Florida](#).**

Gas-powered leaf blowers also are significant culprits of noise pollution. The vast majority of gas-powered leaf blowers [exceed 70 decibels measured at 50 feet, which is considered dangerous to hearing](#). Noise pollution has also been shown to impact the immune system, causes adverse cardiovascular effects, and impairs the learning, hearing, sleep, and language development of children.

S1574 has already passed the State Senate with bipartisan support. Advocates are hopeful that the Assembly version of the electric lawn equipment rebate legislation will get a hearing early this spring.

"Growing awareness of the public health toll caused by gas-powered lawn equipment is driving the adoption of responsible policies to restrict their use in communities across the country," said Bonnie Sager, co-founder of the Quiet Clean Alliance. "S1574/A2657 will make it easier for local governments and landscape companies throughout New York to transition to cleaner, healthier practices without delay."

AN OPEN LETTER URGING SUPPORT FOR S.1574/A.2657

February 25, 2025

Dear Members of the New York Legislature,

We write to urge you to co-sponsor legislation introduced by State Senator Liz Krueger (S.1574)¹ and State Assemblyman Steven Otis (A.2657)² that will establish rebates for the purchase of electric lawn equipment in New York.

This legislation will play a critical role in reducing global warming pollution, improving air quality, and reducing noise pollution by promoting the adoption of quieter, zero-emission lawn care equipment.

This is incredibly important since research shows that gas-powered lawn equipment produces an outsized amount of air, climate and noise pollution—both in New York state and nationwide.

According to the Respiratory Health Association, gas-powered lawn equipment contributes to ground-level ozone and fine particulate pollution (PM 2.5).³ Even short-term exposure to these pollutants can cause or contribute to asthma, heart attacks, cardiovascular disease, and premature death.⁴

It's estimated that in 2020 alone, gas-powered lawn equipment in New York produced almost 1.4 million tons of climate pollution, the equivalent to the emissions from more than 300,000 cars annually.⁵

Moreover, in a recent study from the Environment America Research & Policy Center, New York State ranked *third* in the country for fine particulate emissions from lawn equipment, and *fourth* in the nation for carbon dioxide emissions.⁶

Gas-powered lawn equipment also emits high levels of carcinogens, such as benzene and butadiene, along with other toxic compounds, including formaldehyde (a known respiratory and skin irritant) and nitrous oxides (which can cause lung damage and disease and is one of the key precursor pollutants that combines chemically to form ground-level ozone).⁷

Incredibly, levels of air pollution from gas-powered lawn equipment are so high that **operating a gas-powered leaf blower for just one hour produces as much smog-forming pollution as driving a car 1,100 miles – the distance from Albany to Jacksonville, Florida.**⁸

Gas-powered leaf blowers also are significant culprits of noise pollution. The vast majority of gas-powered leaf blowers exceed 70 decibels measured at 50 feet, which is considered dangerous to hearing. Additionally, this noise impacts the immune system, causes adverse cardiovascular effects, and impairs the learning, hearing, sleep, and language development of children.⁹ Acoustic research also shows that gas-powered leaf blower's distinctive low-frequency noise penetrates further than other machine-generated sound waves, including through solid walls.¹⁰

The studies are clear: the impacts of both the air and noise pollution from gas-powered lawn equipment put the health of our most vulnerable community members—children, older adults, and those with underlying respiratory and other health conditions—at risk.

Given this, we call on the New York state legislature to move swiftly to pass Senator Krueger's S.1574 and Assemblyman Otis's A.2657 to establish rebates for electric lawn equipment. This will help transition New Yorkers away from the use of the dirtiest gas-powered lawn equipment such as lawn mowers, leaf blowers, and other handheld tools.

Thank you for your consideration and support, and please do not hesitate to contact us with questions about this important legislation.

Sincerely,

- ❖ Academy of Pediatrics, Committee on Environmental Health
- ❖ All Our Energy
- ❖ Alliance for a Green Economy
- ❖ Audubon Society of the Capital Region
- ❖ Bash the Trash Environmental Arts LLC
- ❖ Bedford 2030
- ❖ Big Reuse
- ❖ Bronx River - Sound Shore Audubon
- ❖ Buy Local, Grow Local
- ❖ Capital Region Interfaith Creation Care Coalition (CRICCC)
- ❖ Caring for Creation Reformed Church of new Paltz
- ❖ Center for Independence of the Disabled, New York (CIDNY)
- ❖ Church Women United in New York State
- ❖ Clean Air Coalition of Greater Ravena-Coeymans
- ❖ Clean Air Coalition of Western New York
- ❖ Clean+Healthy
- ❖ Climate Solutions Accelerator of the Genesee-Finger Lakes Region
- ❖ Coalition Against the Rockaway Pipeline
- ❖ Coastal preservation network
- ❖ Color Henrietta Green
- ❖ ColorBrightonGreen
- ❖ Concerned Health Professionals of New York
- ❖ Deignan Institute at Iona University
- ❖ Delaware-Otsego Audubon Society
- ❖ Dropseed Native Landscapes
- ❖ Earth Eden Sanctuary
- ❖ Earthkeeper Health Resources
- ❖ East River Park Action
- ❖ Environment America
- ❖ Environment New York
- ❖ Extinction Rebellion Mid-Hudson
- ❖ Fairspring LLC
- ❖ Finca Seremos
- ❖ FlyingTrillium Gardens and Preserve, Inc.
- ❖ Fossil Free Tompkins
- ❖ Four Harbors Audubon Society
- ❖ Friends of the RiverWalk Tarrytown
- ❖ Gas Free Seneca
- ❖ Genesee Valley Audubon Society
- ❖ Grassroots Environmental Education
- ❖ Great SouthBay Audubon Society
- ❖ Green Map System
- ❖ Green Ossining
- ❖ Green Party of New York
- ❖ Green Sanctuary Team at Albany UU
- ❖ HabitatMap
- ❖ Healthy Yards
- ❖ Hudson River Sloop Clearwater
- ❖ Huntington Breast Cancer Action Coalition, Inc. 501(c)(3)
- ❖ Huntington CALM
- ❖ Irvington Green Policy Task Force, a committee of the Village of Irvington, NY
- ❖ Lady Clippers, Inc.
- ❖ Lakeview Organic Grain
- ❖ Mamaki
- ❖ NRDC

- ❖ Neighborhood Sun
- ❖ New Paltz Climate Action Coalition
- ❖ New Paltz Climate Smart
- ❖ New York Climate Action Group
- ❖ New York Interfaith Power & Light
- ❖ New York Progressive Action Network
- ❖ New York State American Academy of Pediatrics (NYS AAP) - District II
- ❖ New Yorkers for Clean Power
- ❖ North American Climate, Conservation and Environment (NACCE)
- ❖ North Fork Audubon Society
- ❖ North Shore Audubon Society
- ❖ Northeast Organic Farming Association-Interstate Council
- ❖ Northern Catskills Audubon Society
- ❖ Northern New York Audubon
- ❖ NY Clinicians for Climate Action
- ❖ NYC Bird Alliance
- ❖ NYCD16/15 Indivisible
- ❖ NYPAN environmental committee
- ❖ New York Public Interest Research Group (NYPIRG)
- ❖ O.D. Greene Lumber CO INC
- ❖ People for a Healthy Environment
- ❖ Physicians for Social Responsibility - New York
- ❖ Possible Rochester | Possible Planet, a 501c3
- ❖ Pound Ridge CALM
- ❖ Pound Ridge Energy Action Committee
- ❖ Protecting Our Waters
- ❖ Quiet Clean Alliance
- ❖ Reach Out America
- ❖ ReWild Long Island
- ❖ Rockland Audubon Society
- ❖ Roctricity LLC
- ❖ Sane Energy Project
- ❖ SASD
- ❖ SectorOne Realty LLC
- ❖ Seneca Lake Guardian
- ❖ Serenity Lawncare Inc.
- ❖ Sierra Club
- ❖ Sisters of St. Dominic of Blauvelt, New York
- ❖ Sisters of the Good Shepherd
- ❖ Solarize Albany
- ❖ South Bronx Unite
- ❖ South Shore Audubon Society
- ❖ Southampton Town Sustainability Advisory Committee
- ❖ Southern ADK Audubon Society
- ❖ SUNY New Paltz Environmental Task Force
- ❖ Sustainable Finger Lakes
- ❖ Sustainable Saratoga
- ❖ The Climate Reality Project NY Chapters Coalition
- ❖ Theodore Roosevelt Sanctuary and Audubon Center
- ❖ Third Act NYC
- ❖ Third Act Upstate New York
- ❖ Tompkins County Climate and Sustainable Energy Advisory Board
- ❖ Tompkins County Climate Protection Initiative
- ❖ Town of Huntington Gateway Garden
- ❖ Town of Mamaroneck Sustainability Collaborative
- ❖ Town of Pound Ridge Conservation Board
- ❖ United for Action
- ❖ United For Clean Energy
- ❖ Upper Nyack Green Committee
- ❖ UU Congregation of Binghamton, Green Sanctuary
- ❖ WESPAC Foundation, Inc.
- ❖ West Branch Conservation Association
- ❖ Yonkers Committee for Smart Development
- ❖ Yonkers Green City Advisory Committee

Endnotes:

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- ¹ New York Senate bill 1574, <https://www.nysenate.gov/legislation/bills/2025/S1574>.
- ² New York State Assembly bill 2657, <https://www.nysenate.gov/legislation/bills/2025/A2657>.
- ³ Respiratory Health Association, “Leaf Blowers Leave Lungs Vulnerable,” <https://resphealth.org/wp-content/uploads/2020/10/Gas-Powered-Leaf-Blowers-Leave-Lungs-Vulnerable.pdf>.
- ⁴ U.S. Environmental Protection Association, “Integrated Science Assessment (ISA) for Particulate Matter,” <https://www.epa.gov/isa/integrated-science-assessment-isa-particulate-matter>.
- ⁵ Environment America, “Lawn care goes electric,” <https://environmentamerica.org/center/resources/lawn-care-goes-electric/>.
- ⁶ Environment America, Frontier Group, U.S. Public Interest Research Group, “Lawn Care Goes Electric: Why it’s time to switch to a new generation of clean, quiet electric lawn equipment,” https://publicinterestnetwork.org/wp-content/uploads/2023/10/Lawn_Care_Goes_Electric_Oct23.pdf.
- ⁷ U.S. EPA, “Characterization of Emissions from Handheld Two-stroke Engines,” <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100GDP7.PDF?Dockey=P100GDP7.PDF>.
- ⁸ Colorado Public Interest Research Group, “Small Machines, Big Pollution: How shifting to electric lawn and garden equipment can significantly reduce harmful ozone pollution on Colorado’s Front Range,” <https://publicinterestnetwork.org/wp-content/uploads/2022/12/CoPIRG-Foundation-report-Small-Machines-Big-Pollution-Dec-1-2022.pdf>.
- ⁹ Erickson, L. C., & Newman, R. S. (2017). “Influences of Background Noise on Infants and Children.” *Current Directions in Psychological Science*, 26(5), 451-457. <https://doi.org/10.1177/0963721417709087>.
- ¹⁰ Walker E, Banks, JL (2017) Characteristics of Lawn and Garden Equipment Sound: A Community Pilot Study. *J Environ Toxicol Stu* 1(1) doi <http://dx.doi.org/10.16966/2576-6430.106>.