



## LEXINGTON SCHOOL FOR THE DEAF PROJECT

WHITE ROOF PROJECT IS A NONPROFIT ORGANIZATION OF ENVIRONMENTAL ACTIVISTS MAKING A DIFFERENCE IN OUR COMMUNITIES.

### WHY THIS COMMUNITY?

- Our method of simple, tangible change facilitates community involvement to help solve big environmental problems, one rooftop, one block, one city at a time.
- By covering black tar roofs with solar-reflective white coating we immediately reduce temperatures inside and out, carbon emissions, reduce our risk of 'brown outs' caused by stress on the power grid, save millions in energy costs, and even save lives.

### A THREE-PRONGED APPROACH TO EXECUTING OUR MISSION

- To educate and activate individuals and communities
- To contribute to white roof science and policy
- To catalyze volunteers to complete painting projects in cities.

### WHY A WHITE ROOF?

- A white roof is low cost, easy to implement effort that relieves stress on the power grid, cuts down on smog, and creates tangible change for individuals and communities. The statistics speak for themselves:
- A roof covered with solar-reflective white paint reflects up to 90% of sunlight as opposed to the 20% reflected by a traditional black roof.
- On a 90°F day, a black roof can be up to 180°F while a white roof stays a cool 100°F
- Summer cooling costs can be reduced between 10-30%

### LEXINGTON SCHOOL FOR THE DEAF

The Lexington School, founded in 1865, is the largest school for deaf students in New York State. It educates deaf children from ages 0-21 from all five boroughs of New York City, and a number of students have other disabilities in addition to deafness, including mobility and mental impairments. Lexington prepares all students to continue on to college, vocational education, job training, or a placement that will support them to live a responsible, productive lives. The Lexington School and Center for the Deaf provides education and services to about 2,500 deaf and hard-of-hearing people annually.

### HOW CAN YOU HELP?

Help us make this our biggest project yet. This large property includes five buildings for a total of almost 100,000 sq. feet. Two buildings are ready to go and are in current need of funding.

#### PHASE I: TARGET COMPLETION APRIL 26TH/27TH 2014

Garage: 3,150 square feet \$5,000 – FUNDED by Met Life  
Building 4: 7,680 square feet \$15,000

- Partially funded by Council Member Peter Vallone Jr.
- Partially funded by USPowerGen
- **Additional Funding needed... Where you come in!**

#### PHASE 2: TARGET COMPLETION FALL 2014

3 additional buildings totaling 60,000 sq. feet will require additional preparation and need funding to be completed in 2014.

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White Roof Project