



Congregation Kol Ami, White Plains NY

Atlantic Westchester, Bright Energy Services and Con Ed/ NYSEERDA worked together to secure over \$100,000 rebates for energy upgrades.



THE PROJECT

Building Details:

- Synagogue & gymnasium built in 1957
- Shulman Chapel built in 1985
- Family and Adult Education, Religious Preschool and Hebrew School

Challenges:

- Aging HVAC equipment that was unreliable and needed to be replaced
- High energy costs
- Outdated fluorescent & incandescent lighting technology
- Formed a Green Team to address sustainability goals



Energy Efficiency Measures:

- Replaced 3 HVAC roof top units (RTUs) with new hi-efficiency units
- Installed hi efficiency HVAC systems in chapel and improved duct insulation and controls
- Treated RTU coils to increase heat transfer capabilities
- Upgraded to energy efficient LED lighting and lighting controls
- Remote monitoring of 7 RTUs and installed Variable Frequency Drives through new Building Management System



THE FEEDBACK

"It's rare that you can have a project that is good for us, good for the environment and saves you money. Bright Energy Services and Atlantic Westchester made it exciting and were incredibly easy to work with. They stayed on time, on budget and handled the job beautifully."

Jessica Lorden,
Kol Ami Executive Director

ESTIMATED SAVINGS:

Utility Incentive: \$100K+

Con Edison Post M&V Results:

- Peak Demand Reduction: 54 kW
- kWh/yr Reduction: 251,543
- Energy Reduction: 58%



WILL YOUR BUILDING BE NEXT?