



Thanks to GreenGen, Brightview Bel Air Benefits from Significant Savings

Maryland Energy Administration incentives help Brightview Bel Air shine with annual energy savings



Maryland
Energy
Administration



Asset Facts

Date Built	2000
Square Feet	46,174
Rooms	112
Asset Type	Senior Living

Project Facts

Annual Energy Savings	226,490 kWh
Total annual building energy savings	27.1%
Annual Savings	\$23,114
Gross Investment	\$377,814
Funding	Private Capital
Rebates	\$159,111
Rebates as % of Total Project Cost	42.1
Net Investment	\$218,703
Net Payback	9.4 years

ROI 10.6%

Challenge

The HVAC systems at the Brightview Bel Air Senior Living Facility were very close to the end of their useful life, which was problematic as the resident and common area systems were operating continuously throughout the day. In addition to heating and cooling challenges, the facility was also in need of an all encompassing lighting upgrade.

Our Solution

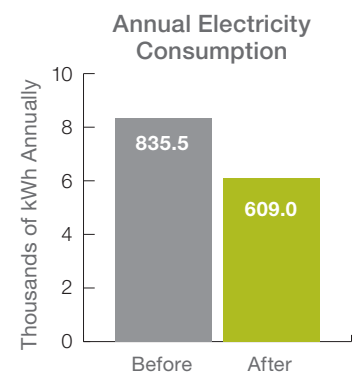
GreenGen assisted the owners of the Brightview Bel Air in utilizing Maryland Energy Administration (MEA) incentives to secure \$159,111 in grants to invest in ECM and EUL measures. These included:

- Comprehensive LED retrofit for interior and exterior fixtures
- Resident HVAC units were replaced with High Efficiency (HE) alternatives and equipped with remote thermostats
- Common area HVAC equipment was also replaced with HE alternatives
- Installation was completed during normal business hours — while the residents and community were occupied
- Implemented intelligent resistive load management system.

Energy Savings – 27.1%

- We found that total annual energy cost could be reduced by 27.1%
- ECMs payback was less than five years
- Projected payback for EULs and ECMs is just over nine years.

kWh SAVINGS SUMMARY		
Before	After	Savings
835,500	609,010	226,490



ENVIRONMENTAL IMPACT SUMMARY

kWh Savings Equivalents	169 Tons of greenhouse gas reductions	36 Cars removed from the road	7,248 Trees planted
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How can we help you? Please contact Green Generation Solutions at info@greengenerationsolutions.com or 301.202.2930