

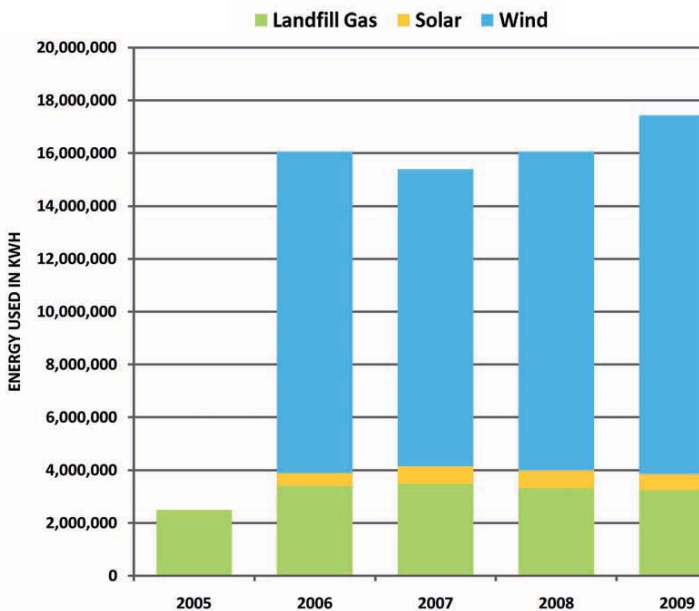
4 Year Review of Wind, Solar and Landfill Gas Production

Green energy use grows along with savings

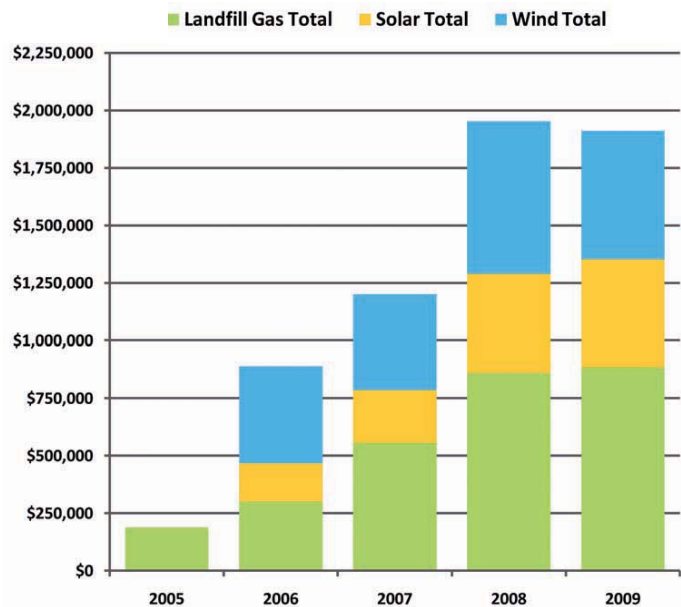
The ACUA's renewable energy projects have provided the Authority with more than 67 million kWh of clean, sustainable, emissions free electricity since 2005 and over \$6 million in savings, revenue share, and credits. Through these projects, the ACUA has been able to

provide leadership in the quest for sustainability and renewable energy. While these projects represent a tremendous success, the Authority continues to seek new renewable projects to both reduce consumption of fossil fuels and save on energy costs.

Renewable Energy Use*



Renewable Energy Projects Savings and Revenue*



* Although the ACUA's energy use was greater from wind in 2009, the cost of electricity decreased resulting in less savings than previous years when grid prices were higher.

- Since 2006 the ACUA has purchased 49 million kWh from the Jersey Atlantic Wind Farm (JAWS) at a 20-year fixed rate of 7.95 cents per kWh. This represents 55 percent of the energy produced by the wind farm; the balance going to the grid. Customers of Atlantic City Electric have the option to purchase the excess wind power (www.cleanenergy.com).
- The ACUA has realized more than \$2 million in savings over the first four years of the wind project from the purchase of wind generated electricity combined with rental income from JAWS for the wind farm site. The wind farm produced over 90 million kWh, with 2009 being its best year, producing 25.6 million kWh.
- ACUA's solar arrays produced over 2.4 kWh (used by the ACUA Wastewater Facility). The system also generates Solar Renewable Energy Certificates (SRECs) which can be purchased by commercial energy generators in New Jersey. ACUA has received almost \$1 million from the sale of SRECs thus far.
- The ACUA has received significant benefit from the Landfill Gas to Energy Project. Its solid waste facilities are completely powered by the system. Between savings and revenue the project has netted the ACUA over \$2.7 million thus far.