

**Julian Powell**  
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## **PROFESSIONAL EXPERIENCE**

**2009-2012:** Conceived and executed citywide energy efficiency project funded by the Department of Energy. Wrote ARRA competitive grant proposal securing maximum funding of \$300,000, by far the highest per-capita funded project in Georgia. Guided city officials through implementation, performing major energy efficiency upgrades on 1/4 of the homes in the city and all city buildings. Transformed City Hall into a showcase of state of the art efficiency and renewable technology. Built partnerships with Southeast Energy Efficiency Alliance, City of Atlanta, Atlanta Regional Commission, Cobb EMC, Oglethorpe Power and Southface Energy Institute for support from grant application to project conclusion.

Responsible for managing all aspects of grant including compliance with Davis-Bacon wage guidelines, the Buy American Act, and the National Historic Preservation Act. Managed procurement processes in full accordance with city, state and federal guidelines. Drafted resolutions and prepared supporting documentation for city council authorization of major expenditures and for budgetary scope changes. Coordinated with city administrative and accounting personnel as needed. Wrote quarterly metrics reports for Department of Energy.

Consulted with homeowners to assist in interpretation of energy audits and selection of most cost effective energy upgrades. Successfully deployed over 95% of available rebate funding to residents, leveraging investment of approximately \$150,000 in private funds to complete projects. Total direct investment in energy efficiency upgrades in one square mile of approximately \$350,000.

Program recognized as statewide 'Success Story' for financial incentive programs (FIP's) by Georgia Environmental Finance Authority. Presented overview of project at the 2012 Greenprints Conference at the Georgia Tech Research Institute.

**1995-present:** Founded Zentech to address the need for safe disposal of toxic obsolete electronic equipment, or "e-waste". Developed a business plan that safely recycled 50 tons/year of e-waste for businesses and consumers. Conducted training seminar for State of Georgia EPD Hazardous Waste Division and advised the Computer Disposal and Recycling Council and Pollution Prevention Assistance Division regarding e-waste issues. Earned recognition as e-waste recycling pioneer in Circuits Assembly Magazine, the Atlanta Business Chronicle, and the Atlanta Journal-Constitution.

Designed and built solar electric power system out of 100% recycled equipment, taking Zentech's 3000 sq ft warehouse off the grid for approximately 10 months as the first 100% solar powered business in Georgia. Also provided energy consulting services including feasibility study for solar powered 25,000 sq ft mansion. Hosted visitors for the American Solar Energy Society's annual Solar Tour in October 2005.

**1981-1995:** Worked as a chemical engineer in the electronics manufacturing industry. Areas of focus included design and construction of air and water pollution control systems, high speed automated manufacturing processes, hazardous waste management, quality control, and extensive worldwide customer-support.

## **VOLUNTEER/ACTIVIST WORK**

Participated in the Midtown Alliance's crowdsourcing sessions for the Greenprint Midtown project in the spring of 2012.

Appointed to Chattahoochee Basin Advisory Council of the Metropolitan North

Georgia Water Planning District in 2002. Participated in monthly meetings leading to development of the three District Plans: Watershed, Water Supply and Conservation, and Wastewater Treatment.

Appointed to the Technical Coordinating Committee of the Metropolitan North Georgia Water Planning District by the Mountain Park city council in 2008.

Initiated Watershed Summit between cities of Roswell and Mountain Park in 2008.

Volunteered for US Forest Service in 1995 as assistant hydrologist restoring logged areas in Northern Idaho for watershed and habitat protection.

## **PUBLICATIONS**

Co-authored four papers on optical quality control instruments.

## **SKILLS**

Strong organizational and management skills.

Solid written and verbal communication skills.

Ability to disseminate highly technical concepts in compelling terms.

Methodical project planning and implementations skills.

Extensive international work experience in Singapore, Korea, Israel, Taiwan, Japan, Hong Kong, Malaysia, Thailand and Germany.

## **EDUCATION**

Bachelor of Science in Chemical Engineering  
University of New Hampshire, 1983

Certified by State of New Hampshire Hazardous Waste Division in Resource Conservation and Recovery Act (RCRA), 1983

## **PERSONAL**

Born in Wales, UK, naturalized citizen of the United States