



Virtuous Cycle: The Ecosystem from Earth to Space and Back

ISPCS - 10/11/2017

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www.brph.com

BRPH

AT-A-GLANCE

1964

YEAR
FOUNDED



HEADQUARTERS
Melbourne, Florida

100%

EMPLOYEE
OWNED



310

EMPLOYEES
Firm Wide



10
OFFICES

6

MARKETS



Aerospace



Commercial



Education



Entertainment



Government



Manufacturing

Sustainability at BRPH

- Green Committee
- Sustainability Policy
- 59 LEED APs
- Design of 27 LEED Certified Projects



BRPH Melbourne HQ Office

- 17,800-square-foot office
- 38.5% total water use reduction
- 15.9% energy cost savings
- 35% electricity from renewable sources
- LEED Silver Certified



Low VOC paints and coatings used



90% of indoor space has outdoor views

National Museum of the United States Air Force

- 224,000 Square Foot, Climate Controlled Expansion
- 36% total water use reduction
- 39% energy cost savings
- 135,000 gallons of water use reduced annually
- LEED Gold Certified



Heat island reduction with reflective paving and roof surfaces



Energy efficient LED lighting and mechanical systems

Boeing, 787 Dreamliner Final Assembly Building

- 1.3M-square-foot manufacturing facility
- 40% total water use reduction
- 39% recycled content
- 16% energy cost savings
- LEED Gold Certified



Carbon dioxide reduction of 6M pounds annually



3 megawatt photovoltaic panels on 600,000 SF roof

Boeing, 88-53 Propulsion South Carolina

- **225,000-square-foot manufacturing facility**
- **70% of electricity from green sources**
- **41% water use reduction**
- **17% energy cost savings**
- **LEED Silver Certified**



Envelope designed to ASHRE 90.1 and IEEC thermal resistance for climate zone 3



Lighting consists of dimmable LED downlights

Boeing, Interiors Responsibility Center

- 240,000-square-foot manufacturing facility
- 92% construction waste diverted from landfill
- 100% renewable energy use
- 40% water use reduction
- LEED Silver Certified



Efficient mechanical systems and lighting controls promote energy conservation



Careful consideration was given to the quality of indoor environment

Pope AFB Air Traffic Control Tower

- 11-story air traffic control tower
- 84% construction waste diverted from landfill
- 70% building electricity provided by green power
- 38% water use reduction
- LEED Silver Certified



90-percent of the high-tech electronics from the old tower were recycled



Facility complied with stringent landscaping requirements

Customers

Investors



Employees

Partners



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