



# Energy Productivity Success Stories

## Big Ass Solutions Innovates to Cut Energy Costs

### SUMMARY

Big Ass Solutions® offers innovative fans, lights and controls that cut industrial, commercial and residential customers' energy costs while accelerating productivity. Our products help companies advance their triple bottom line—improving workplace conditions, reducing energy consumption and decreasing operating expenses.

### COMPANY BACKGROUND

As the name suggests, Big Ass Solutions is no ordinary business. Behind every Big Ass product is a guarantee of quality craftsmanship, top-of-the-line efficiency and award-winning design. From Haiku with SenseME, the first smart ceiling fan, to Dewtect, a controls system that fights condensation in industrial settings, Big Ass means innovation for comfort and cost savings in any environment.

Started in 1999, Big Ass Fans was born from the nickname for the company's first product, giant overhead ceiling fans installed in barns, warehouses and distribution centers. Investing twice the industry average in research and development, Big Ass Fans engineered innovative silent, elegant fans for commercial spaces like churches, schools and offices. In 2014, with the launch of Big Ass Light and the Haiku line of residential products, Big Ass Solutions was born.

### CHALLENGES

Thermal comfort, or the science of keeping people comfortable, is complex and costly. Air conditioning is energy intensive and not feasible in all environments, like warehouses and airplane hangars. American homes and commercial buildings also overuse air conditioning and heating systems, resulting in high bills and uncomfortable spaces. The process of monitoring all the factors that impact comfort in a space can be daunting, and owners often overcompensate by turning up the AC, which forces utility bills up.

### SOLUTION

Big Ass Solutions not only creates efficient products, the team offers expertise in air movement, project design and building standards that moves the green building and manufacturing industries forward. Working with Big Ass Solutions during the construction or renovation process helps owners achieve efficiency goals, whether they are related to cost savings, green building certification or comfort.

### RESULTS & BENEFITS

Working with Big Ass Solutions, owners, architects and engineers across the United States have slashed energy consumption, increased productivity and achieved green building certification. One of the most ambitious clients, Berea College, in Berea, Kentucky installed the top ENERGY STAR® rated Haiku fans in each room of their new eco dorm. The project achieved 58% energy savings and LEED Platinum® certification. Eight O'clock Coffee turned to Big Ass Fans to cool down their workers and increase productivity, installing industrial fans across its warehouse to offset heat from the production machinery. DPR Phoenix and the Bullitt Center, two net-zero office buildings installed Haiku ceiling fans to fuel passive cooling systems and meet strict energy use quotas. From companies taking their first steps towards energy savings to projects on the cutting-edge of efficiency, Big Ass has a custom solution for every space.