

# PowerAire Case Study

## Great American Business Products – Houston, TX



Customer:

- Great American Products

Location:

- Houston, Texas

Building:

- 72,000 sq. ft.

Equipment / Energy:

- 24 PowerAires producing
  - 144 kW electricity
  - 160 kW cooling
- 144 kW solar

Electric Utility Displacement:

- nearly 270 kW



Great American Business Products, a Houston based e-commerce company, approached M-Trigen to contribute to their goal of developing their own self-sustaining micro-grid.

With the capability of PowerAire to simultaneously produce electricity, heat and cooling, as well as integrate renewables, Great American Business Products chose M-Trigen as their partner. The distributed nature of the build out provides for n times redundancy in the event of equipment downtime.

The building's energy is supplied through a combination of 24 natural gas fired mCCHP (combined cooling, heat and power) units and a 144 kW solar array. Displacing nearly 270 kW of electricity, this project is the first of its kind.



**PowerAire**

Your own personal micro-grid.

To learn more about PowerAire, find a dealer or become a dealer, visit [mtrigen.com](http://mtrigen.com)



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