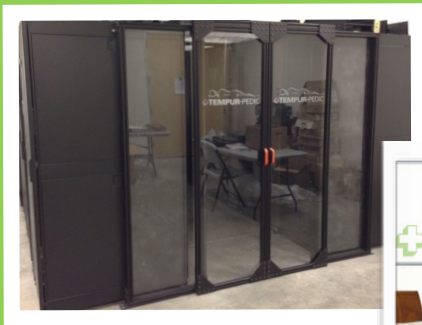




# Tempur-Pedic

CASE STUDY



*“The project to implement our new APC infrastructure went very seamlessly. Ez Housh and his team provided superior support not only through the transition to the new infrastructure, but also after toward fulfilling requirements to enhance our newly implemented APC footprint. I highly recommend greensource to help design and implement APC infrastructures for customers seeking to improve their existing APC infrastructure or implement a new one”.*

**- Jermaine c. Oldham, Manager, Global Tech Support & Infrastructure, Tempur-Pedic International**

## Scalable Power & Cooling at Tempur-Pedic

### THE PROJECT:

Provide maximum flexibility and expansion capability for a new corporate headquarters data center.

### THE SOLUTION:

greenSource Cincinnati worked with the IT department at Tempur-Pedic to design an expandable data center for their new building. The challenges included putting this in a relatively small room on sealed concrete on the first floor of a four story building.

Aesthetics were very important in the room as well as outside the building. Two modulating chillers were installed on the roof capable of handling the final load. APC In-

Row cooling systems were provided inside a Sub-Zero hot aisle containment system and a custom piping manifold. The APC Symmetra UPS and modular power distribution were chosen to provide maximum expansion capability for the customer.

The system has already been increased in capacity twice in the first six months and will be expanding several more times before the UPS is fully populated.

**PROJECT ENGINEER:**  
greenSource Cincinnati

**GENERAL CONTRACTOR:**

Neyer

### INSTALLING CONTRACTOR:

Monroe Mechanical, Inc.

*“Ez...provided superior support not only through the transition to the new infrastructure, but also after toward fulfilling requirements to enhance our newly implemented APC footprint”.*

### EQUIPMENT INSTALLED:

One APC Symmetra 250 kW UPS System with Modular Distribution

Two Modulating Chiller Systems and APC In-Row Cooling



**PROVIDING TURN-KEY DATA CENTER SOLUTIONS, AND ENERGY SAVING PRODUCTS**

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