

# Honda of America Manufacturing

Case Study: **Honda of America Manufacturing** Market: **Manufacturing / Leed** Location: **Anna, OH**

Commissioning services were worth the extra cost. We were able to identify building envelop, equipment, and control issues that would have taken us many months if not years to address until a major problem occurred. By identifying that there wasn't an alarm notification between the RTU smoke detector shut-down and building automation system, the Comfort Systems USA commissioning services were justified just from this safety stand-point."

- Mark Kohlrieser, Facilities Engineering Coordinator



Honda added 18,000 sq. ft. of engineering office space as an attached building to the engine manufacturing plant. Honda constructed the building to accomplish LEED Silver certification. Comfort Systems USA Ohio provided the enhanced LEED Commissioning Services for the project. .

## A Closer Look...

Honda of America Manufacturing was adding 18,000 sq. ft. to the engineering office space at their engine manufacturing plant and wanted to achieve LEED® Silver certification. Honda chose Comfort Systems USA Ohio to provide enhanced LEED Commissioning Services and install the HVAC equipment. The CSUSA team:

- Identified several areas of improvement that saved costs and improved safety
- Lowered energy costs
- Provided the Honda employees with a better working environment

## Solutions

Through the bidding process, different HVAC equipment than was specified provided incompatible integration between equipment and controls. The most pressing issue was the application of an air-to-air energy recovery ventilation unit (ERV) and a package roof top unit. The units were ducted together but the package controls system operated with a different sequence of operations that created a high negative pressure in the office space.

Working with the design engineer and controls contractor, Comfort Systems USA Ohio was able to develop a better integrated control sequence for the two (2) units, which provided a better working environment with lower energy costs. The new integrated sequence also used demand ventilation control strategies for all conference rooms in the building.

**Contact us to determine how we can service your business.**

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