

CASE STUDY



**LEED Facts: NCv2009**

Certification awarded: June 16, 2016




<b>Silver</b>	<b>55 *</b>
<b>Sustainable Sites</b>	<b>18/26</b>
<b>Water Efficiency</b>	<b>7/10</b>
<b>Energy &amp; Atmosphere</b>	<b>7/35</b>
<b>Materials &amp; Resources</b>	<b>7/14</b>
<b>Indoor Environmental Quality</b>	<b>9/15</b>
<b>Innovation</b>	<b>4/6</b>
<b>Regional Priorities</b>	<b>3/4</b>

*\*out of a possible 110 points*

**NIST – NCCoE**

9700 Great Seneca Hwy, Rockville, MD 20850

This project has saved:

-  89,362 kWh
-  209,530 Gallons
-  399.84 Tons

Owner / Owner's Rep:  
**MEDCO / HDC, Inc**

Occupant:  
**NIST**

Architect:  
**Gaudreau, Inc.**

Commissioning Agent:  
**Complete Commissioning**

MEP:  
**JennErik Engineering**

General Contractor:  
**Davis Construction**

LEED Consultant:  
**Lorax Partnerships**

**PROJECT STORY**

NIST NCCoE is located in Rockville, Maryland. It is a single story, 56,877 square foot “dry lab” specifically designed for testing of various products and technologies across a large span of companies.

The team not only decided to pursue enhanced commissioning but they also chose to hire an additional 3rd party peer reviewer for the mechanical systems to ensure that they were making the right design decisions to offset the large amount of data racks.

**SUSTAINABILITY HIGHLIGHTS**

One of the more impressive outcomes of this project was the LEED New Construction certification, rather than a Core and Shell and Commercial Interiors certification. The building owner and the tenant worked flawlessly to communicate and coordinate their sustainability initiatives, without any boundaries.

This project was also a major renovation of an existing building. The team was able to reuse 99% of the original building’s structure, making this project even more sustainable.