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A pair of buildings by [KMD Architects](#) at the Pacific Northwest National Laboratory in Richland, Washington, has received LEED Gold certification. Photo: © 2009 Mark Scheyer, Inc. [Extra Large Image](#)

Richland · 2010.0421

At the Pacific Northwest National Laboratory (PNNL) in Richland, Washington, a pair of linked science buildings (pictured above) has received LEED Gold certification. The Seattle office of [KMD Architects](#) designed the buildings, the Biological Sciences Facility (BSF) and the Computational Sciences Facility (CSF), which are connected by a glazed commons area.

Completed in 2009 and totaling about 144,400 square feet (13,420), the buildings use 35 percent less energy and 30 percent less water than current best-practice codes, and reach a 77-percent efficiency of net-to-gross square footage, compared to about 50 percent for typical laboratories. Waste heat produced by computer servers in the CSF is used to warm offices and labs. Other sustainable features include energy-efficient lighting, low-e glass, sunshades, and water-conserving plumbing fixtures. Over three-quarters of the materials used in the construction were recycled or saved for future manufacturing products or processes.

The New York City-based Cowperwood Company privately financed and developed the buildings and is leasing them to Battelle, which operates PNNL for the U.S. Department of Energy. D.E. Harvey Builders of Houston, Texas, was the general contractor and Brightworks of Portland, Oregon, was the LEED advisor.

http://www.architectureweek.com/2010/0421/news_1-1.html