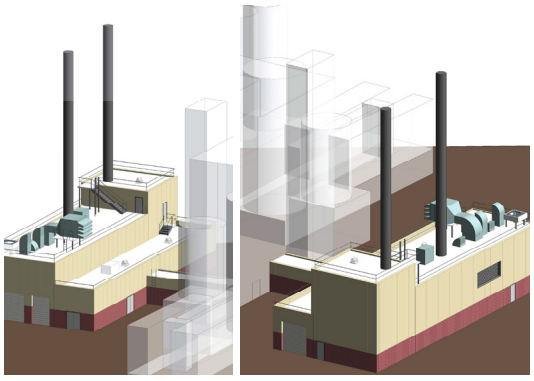
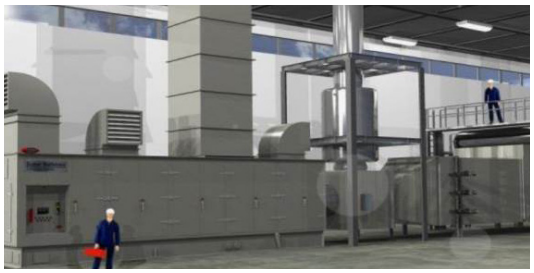
ARGONNE NATIONAL LABORATORY'S COMBINED HEAT AND POWER PLANT





Argonne National Laboratory's Combined Heat and Power (CHP) plant will provide electricity and steam heat for the laboratory's campus and will replace aging equipment, a modernization of critical infrastructure.

The CHP plant is funded by a multimillion dollar Energy Savings Performance Contract which uses third-party financing, allowing energy savings from the power plant to offset 100% of the plant's construction costs.

Third-party financer NORESCO, an energy services company, will provide $22.8 million for the installation of the CHP building and equipment and $18.7 million for operations, maintenance and repair.

The U.S. Department of Energy (DOE) will repay NORESCO approximately $3.5 million annually over the 15-year contract term using funds from the power plant's energy savings. Argonne will retain savings beyond that point.

DOE recognized Argonne with its 2014 DOE Sustainability Award for the lab's efforts towards meeting White House and DOE goals in energy performance contracting.

The plant will provide 20% of Argonne's electricity needs and 80% of its steam heat throughout the year.

The **6.3 megawatt** plant will provide **$3 million** in energy savings in its first year and more than **$52.3 million** within the first 15 years.

The plant will run on natural gas and help reduce the laboratory's carbon footprint, saving **33,044 tons** of greenhouse gas emissions annually. That's the equivalent of about **6,000 cars** removed from the road.

The plant will enable Argonne to produce a portion of its own power, protecting the lab from potential outside grid power service interruptions. This is essential for Argonne as a science and engineering facility where experiments are run 24/7 on some of the most advanced equipment in the world.

The CHP plant will replace Argonne's current 50+ year old central steam plant which has four natural gas boilers and one natural gas and coal fired boiler.

The CHP plant is expected to be operational in June 2016.

CONTACT

Diana Anderson | Communications, Education and Public Affairs
630.252.4593 | ddanderson@anl.gov

Argonne NATIONAL LABORATORY

U.S. DEPARTMENT OF ENERGY

Argonne National Laboratory is a U.S. Department of Energy laboratory managed by UChicago Argonne, LLC.
9700 South Cass Avenue | Argonne, IL 60439 | June 2015

www.anl.gov