

ONE-DAY WORKSHOP ON Combined Heat & Power

With Emphasis on Use of Natural Gas and Opportunity Fuels

CHP is the simultaneous production of electrical power and useful thermal energy from a single fuel source. Eastern Pennsylvania has abundant resources of natural gas and opportunity fuels. Given a facility with appropriate thermal and electric load profiles, a CHP system utilizing such fuels can substantially reduce a site's total energy expenditures and simultaneously reduce its total carbon footprint.

This workshop will focus on four major benefits of CHP: Cost Savings; Emissions Reduction; Reliability; National Security, and will include:

- CHP system components
- Suitability of CHP for your facility
- Marcellus shale natural gas resource
- Utilization of non-conventional opportunities fuels
- Key site load profile and energy cost parameters
- How to estimate financial payback
- State and Federal incentive programs

Workshop Sponsored and Presented by Experts from:



Department of Energy Mid-Atlantic
Clean Energy Application Center,
Pennsylvania State University



College of Engineering,
Pennsylvania
State University



Event Details:

Date: Thursday April 28, 2011
Time: 9:00 am-3:30 pm
Refreshments and lunch
to be provided
Location: Alumni Hall, Room 130
Northampton Community College
3835 Green Pond Road
Bethlehem, PA 18020
Parking: [View online map with parking noted](#)

[View online Agenda](#)

For more information please contact Larry Burton,
U.S. DOE MACEAC
Pennsylvania State University
814-360-9868
lcb2@psu.edu

[Click here to Register](#) or
Email Viola Dysart at vpd1@psu.edu

This is a free event, but registration is required.