

District of Columbia Industrial Resource Fact Sheet

Introduction

The District of Columbia's (DC) economy is ranked 35th in the nation in terms of 2008 gross domestic product (GDP), generating \$97.2 million annually. Industrial manufacturing is an important sector of DC's economy, providing the city with 1,718 jobs and supplying \$273.4 million worth of goods. In 2007, DC's industrial sector ranked 51st in the nation in terms of energy expended, accounting for 4.0 trillion British thermal units (Btu) or 2.1 percent of citywide energy consumption. The city's natural gas consumption totaled less than 1 trillion Btu, which was least in the nation in 2007. Moreover, the industrial sector accounted for approximately 1 million metric tons of carbon dioxide emissions, according to 2005 data.

DC has a deregulated, competitive market for electric power, which gives residents and businesses a choice of who will provide their electricity. Moreover, electricity consumption is growing at 2.9 percent per year, which is one-third higher than the national average. Therefore, the deregulation, increased energy consumption, and high cost of energy are incentives for local utilities to offer energy-efficiency programs for their customers, regardless of sector. In an effort to decrease DC's energy consumption, Washington lawmakers passed legislation that encourages more energy-efficiency measures. For example, the Council of the District of Columbia passed Bill 16-515 on December 5, 2006, which established green-building standards for public buildings and nonresidential buildings of 50,000 square feet or more. While many jurisdictions have adopted green-building standards for public buildings, DC is the first to make such



requirements for privately-owned buildings. Additionally, in 2008, the Council of the District of Columbia enacted the *Clean and Affordable Energy Act*, which created the Sustainable Energy Trust Fund (SETF). SETF is meant to help support energy-efficiency and renewable-energy programs.

State Programs

District Government: The District Department of the Environment (DDE) sponsors the Renewable Energy Incentive Program (REIP)—a rebate program to encourage Washington residents and businesses to install renewable-energy systems. DDE also offers energy-management tools and resources to help businesses become more energy efficient.

Utility Resources

Investor-Owned Utilities: Constellation NewEnergy offers a load-management program and an energy-management tool that helps determine energy usage and ways to reduce it. In addition, PEPCO offers an energy-management tool and financial incentives to install renewable-powered generators, while BlueStar Energy has an energy-service program that offers industrial customers energy audits, facility upgrades, and rebates. Additionally, Gexa Energy offers free-of-cost energy audits. Finally, Integrys Energy Services and Ohms Energy offer energy-management services to help their industrial customer reduce energy costs.

Regional Resources

Industrial Assessment Center: DC does not have an Industrial Assessment Center (IAC) within the state; however, its close proximity to others provides DC manufacturers access to these federally-sponsored programs. The University of Delaware IAC offers small- to midsize-manufacturers with no-cost energy assessments.

Clean Energy Application Center: The Mid-Atlantic CHP Application Center's objective is to reduce the perceived risk of Combined Heat and Power (CHP) to users, foster CHP as a viable technical and economic option for the participating region, and to capitalize on existing regional CHP resources. The center provides technical assistance, online tools, and information on CHP.

Manufacturing Extension Partnership: The Maryland Technology Extension Service (MTES) is a program sponsored by the University of Maryland. It provides energy solutions to help manufacturers grow and become more competitive. MTES offers manufacturers both business and technical services.

For More Information

DOE Industrial Technologies Program (<http://www1.eere.energy.gov/industry/index.html>)

ITP Save Energy Now (<http://www1.eere.energy.gov/industry/saveenergynow/>)

ITP State Activities Web site –District of Columbia (http://www1.eere.energy.gov/industry/states/state_activities/map_new.asp?stid=DC)

ITP State Incentives and Resources Database (http://www1.eere.energy.gov/industry/about/state_activities/incentive_search.asp)

District Department of the Environment (<http://ddoe.dc.gov/ddoe/site/default.asp>)

District of Columbia Public Service Commission (<http://www.dcpsc.org/>)

BlueStar Energy (www.bluestarenergy.com)

Constellation NewEnergy (<http://www.newenergy.com>)

Gexa Energy (<http://www.gexaenergy.com>)

Integrus Energy Services (<http://www.integrusenergy.com/default.aspx>)

PEPCO (<http://www.pepco.com>)

Ohms Energy (<http://ohmsenergy.com>)

Contacts

Industrial Assessment Centers for Region
University of Delaware

Director: Dr. Keith Goossen

Phone: (302) 831-0590

Fax: (302) 831-4316

E-mail: goossen@ece.udel.edu

Web site: <http://www.ece.udel.edu/iac/>

Maryland Technology Extension Service

Director: Dr. Barry Frey

Phone: (410) 548-4372

Fax: (410) 548-4375

E-mail: bcfrey@umd.edu

Web site: <http://www.MTES.org>

Source: <http://blue.nist.gov/centers/MD>

Clean Energy Application Center for Region

Mid-Atlantic CHP Application Center

Director: Joe Orlando

Phone: (301) 405-4681

E-mail: orlandoj@umd.edu

Web site: <http://www.chpcenterma.org/>

Source: http://www.eere.energy.gov/de/chp/chp_applications/chp_application_centers.html

DOE Regional Contact

Sandy Glatt

Project Manager State and Utility Partnerships
(303) 275-4857

E-mail: sandy.glatt@go.doe.gov

Brian Olsen

303-275-4834

Energy Project Specialist

E-mail: brian.olsen@go.doe.gov

Source: <http://www.eere.energy.gov/industry/about/contacts.html>

State Energy Office Contacts

Jack Werner, Director

District Department of the Environment

2000 14th Street NW

Suite 300 East

Washington, DC 20009

Phone: (202) 535-2615

Fax: (202) 673-6725

Web site: <http://ddoe.dc.gov/ddoe>

EERE Information Center

1-877-EERE-INF (1-877-337-3463)

www.eere.energy.gov/informationcenter