

## MID-ATLANTIC COMBINED HEAT AND POWER APPLICATION CENTER

### -- RESOURCE LIST --

The Mid-Atlantic CHP Application Center has prepared a database of local firms that provide CHP-related products which is being provided as a service for individuals who are looking for information on CHP. No formal evaluation of the companies or organizations identified in this database has been performed, therefore there is no endorsement, implied or otherwise, made by the identification of a company or organization in this database list. As is normal prior to entering into any contract or conducting significant business with any company or organization, it is recommended that a prudent investigation of that company or organization be made.

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#### Company & Contact Information

Company Name: [Alban Engine Power Systems/Caterpillar](#)  
Parent Company: [Alban Tractor Co., Inc.](#)  
Website Address: [www.albanecat.com/dlrstore/consultantscorner.htm](http://www.albanecat.com/dlrstore/consultantscorner.htm)

#### Primary contact:

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#### Product / Services Provided

Alban Engine Power Systems is an equipment dealer providing packaged generation systems and equipment service to customers in the Mid-Atlantic region. Our territory covers Maryland, Southern Delaware, Northern Virginia, and eastern West Virginia. The product lines we offer include:

- **Caterpillar Reciprocating Engine Generators;** Individual units rated 240 VAC to 13,800 VAC, 50 HZ or 60 HZ, and 12 kW to 5.7 MW. Engines may be fueled by diesel, natural gas, propane, or low energy (landfill or sewage digester) gas. Engines are suitable for CHP or electric only generation and may be used for continuous or standby duty. Time proven technology and state-of-the-art control provide reliable performance and low levels of exhaust emissions.
- **Solar Turbines;** Individual units rated 240 VAC to 4,160 VAC, 50 HZ or 60 HZ, and 1.2 MW to 14.2 MW. Engines may be fueled by diesel, natural gas, natural gas liquid, liquid petroleum gas, hydrogen, or low energy (landfill or sewage digester) gas. Turbines are suitable for CHP or electric only generation and are most suitable for continuous duty. Proven technology and high efficiency combine to produce high exhaust temperature and low levels of exhaust emissions.
- **Direct Fuel Cells;** Individual units rated 480 VAC, 50 HZ or 60 HZ, and 250 kW to 2.0 MW. Fuel cells may be fueled by natural gas or low energy (sewage digester) gas. Fuel cells are suitable for CHP or electric only generation and are most suitable for continuous duty. Molten carbonate design provides high exhaust temperature, high efficiency, and ultralow levels of exhaust emissions.

- **Electrical Switchgear;** Assemblies rated 240 VAC to 13,800 VAC and 50 HZ or 60 HZ. Switchgear may be metal-enclosed or metal-clad and may be used in service entrance or distribution application. Operation of onsite generation may be used in paralleled or isolated mode with respect to normal utility power.
- **Other Equipment and Services;** Fuel storage and delivery systems, transfer switches, equipment enclosures, and uninterruptible power supply systems (kinetic and static). Rental services for power generation, compressed air, and temperature control may be arranged. Financing of construction and material acquisition is available from Caterpillar Financial Services.

**CHP Products or Services:**

	CHP Project Developer
	Energy Services Provider
	Financial Services
X	Equipment
X	Packaged Gen-Sets / Complete Systems
X	Reciprocating Engines (> 1 MW)
X	Reciprocating Engines (< 1 MW)
	Microturbines (< 100 kW)
X	Combustion Turbines (> 100 kW)
	Steam Turbines
	Heat Recovery Equipment
X	Controls & Electrical Interconnection Equipment
	HVAC
	Other _____
	Consulting Services
	Energy Audits
	Energy Management Programs
	CHP Project Management
	HVAC System Design
	Construction (Turnkey)
	Operations & Maintenance Services
	Fuels
	Natural Gas
	Propane
	Oil (#2 or #6)
	Other _____ ( <i>identify: e.g., wood, MSW, coal</i> )

**Company Information**

	Total	In Mid-Atlantic Region
Number of Offices	14	14
Years in Business	76	76
Employment	700	700
Annual Sales / Billings	\$ 200 M	\$ 200 M