



**MARTIN**<sup>TM</sup>  
**ENERGY GROUP**

Generating Clean Energy.

**Our Qualifications**  
YOUR PEACE OF MIND



Martin Energy Group has its roots in 1960 when proprietor Harlan Martin recognized potential in the power generation industry. In the years following, the Martin company was founded and quickly expanded its capabilities, packaging new equipment and exploring new frontiers. Since then, under CEO Marcus Martin's guidance, Martin Energy Group has become an industry leader, specializing in creating reliable and innovative energy solutions for companies all over the world.

Martin Energy Group is a complete solutions provider for Generator Packages, Combined Heat and Power (CHP) Systems, MicroGrids, off grid, waste water treatment, landfill gas, Anaerobic Digester Design & Construction, and much more. We also include long term service agreements (LTSA).

Our packages serve a wide variety of industries and applications – including greenhouses, hospitals, universities, manufacturing, industrial, landfills, mining operations, oil fields, and many others. Martin supplies and services the full range of power generation products, including generator sets, switch-gear, gas handling skids, waste heat recovery systems, absorption chilling systems, and carbon credit monitoring systems.

Our power plants have been installed in the United States, and around the globe, including Canada, Central and South America, Africa, Europe, Asia, the Middle East, and Australia. For your free feasibility study or further information, please contact [CHP@martinenergygroup.com](mailto:CHP@martinenergygroup.com) or (800) 436-9190

Our commitment to customer satisfaction is second-to-none. We evaluate each project and engineer solutions that meet or exceed your expectations.



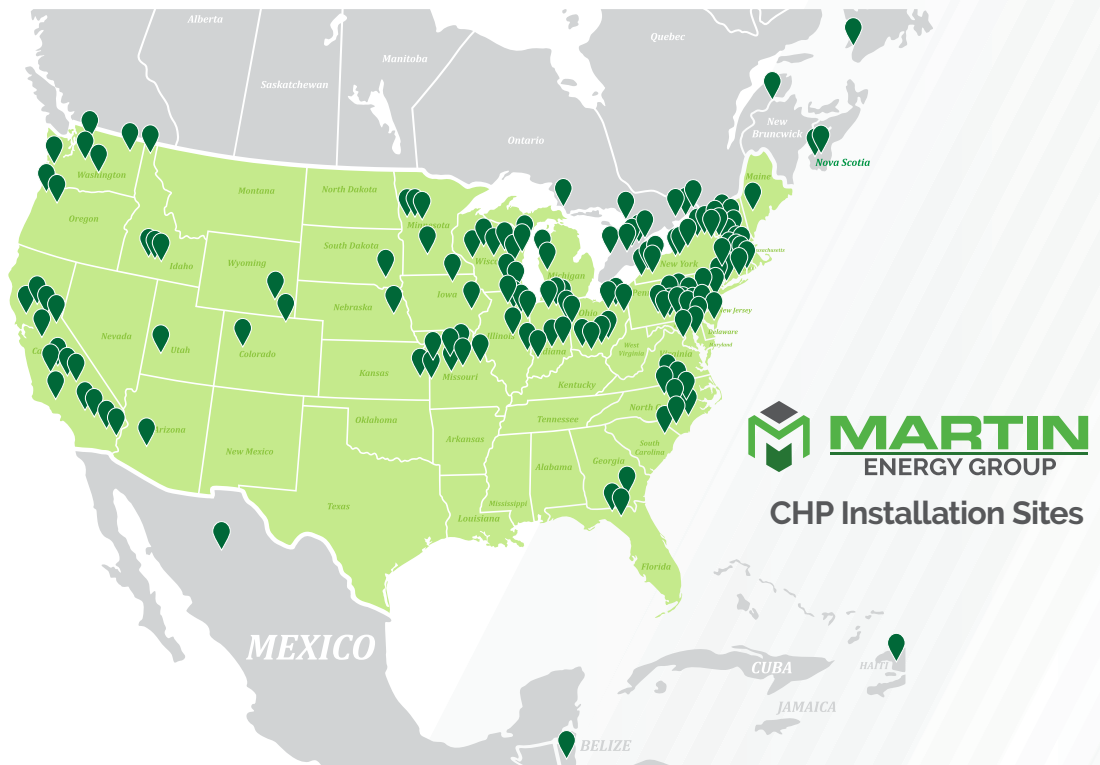
**Martin Energy Group  
excels in providing custom  
solutions for our clients'  
complex energy needs.**

# Our Services

**Martin Energy Group Services, LLC** provides our industry-leading services to our clients via a wide range of delivery platforms. The foundation of all these platforms is our customer-centric approach, which allows us to be flexible and accountable with the services we offer. We have the capability and leadership to manage technically complex projects and programs through every phase. Our professionals are working with the latest in technology, industry best practices, and regulatory compliance guidelines to support our clients and their projects. Today, Martin Energy Group is typically providing services under the following delivery options:

## Professional Services:

- ✓ Mechanical and Electrical Engineers
- ✓ ASME Certified Welders and Facilities
- ✓ UL Certified Controls and Switchgear Facilities
- ✓ Certified Project Management Professionals
- ✓ Certified Process Engineers
- ✓ Design/Build and EPCM
- ✓ Preconstruction and Procurement
- ✓ Construction and Installation Management
- ✓ Integrated Project Delivery (IPD)
- ✓ Owner and Company Representation
- ✓ Third-Party Civil, Structural and Architectural (CSA)



# Company Contacts

## CORPORATE FACILITY

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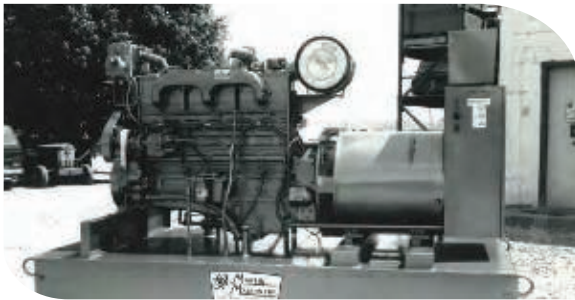
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### CAYEY, PUERTO RICO

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# Business Overview



A Martin MCD-230 unit ready to ship from the Martindale shop.

**1963**

Martin Machinery founder Harlan began helping his brother Isaac with generator repairs and sales.

**1976**

**Martin Machinery has one employee.** Harlan founded Martin Machinery in Martindale, PA (Lancaster County) with a focus on reconditioning gensets.

Also sold PTO farm-type generators. Gradually moved into the used and new diesels for emergency standby for farms and institutions, such as hospitals, nursing homes, etc., as well as heavy power requirement beyond the grid, for applications such as coal mines, saw mills, portable batch plants, portable crushers, etc.

**1981**

Became established as Original Equipment Manufacturer (OEM) for Cummins Engine Company. This brought a whole new opportunity to Martin Machinery. Sold more new units including 2 each of 1000 kWE units to Venezuela in June of 1982.

One of two 1000 kW Cummins units being loaded for shipment to Venezuela, in 1982.



**Martin Machinery has approximately 8 employees**

**1982**

Began selling power units to run on gas from anaerobic digesters. Recognized much potential in digester applications. Held seminars for local farmers.

**1983**

Martin Machinery begins focusing on iron sponge scrubbers for digesters.

**1990s**

All three of Harlan's sons are a part of the work force. Units are shipped to many different countries including Russia, Chili, Venezuela, Paraguay, Egypt, Nigeria, etc., including Natural Gas CHP (Combined Heat and Power), and diesels.



# Business Overview continued

**1994**

Marcus Martin joins the business and begins working on standby and prime units.

**1998**

Pivotal Year - Marcus develops modular CHP units for Martin Machinery.

**1999**

The interest in Green Energy picked up considerably. More effort went into the designing of heat recovery units and paralleling switch gear.

**2000**

Satellite shop opened in Missouri for building heat recovery systems.

**2004**

Gen-Tec is formed to become the leading group to engineer and design UL certified control systems to parallel the Green Energy units to the utility grid.

**2009**

**Martin Machinery has approximately 50 employees.**

Energy Cube is formed to begin development of gas scrubbers. Research and development begins in earnest on a biological H<sub>2</sub>S scrubber.

**2012**

First successful biological scrubber installation.

**2015**

Martin Machinery is dissolved as an entity, and Martin Energy Group (MEG) is formed, with Marcus Martin as CEO.

**Martin Energy Group has approximately 70 employees.**

Over 370 MW of power have been installed by Martin, in CHP alone.

**2016**

**Martin Energy Group has over 100 employees.**

California-based digester construction company is added to the Martin group of companies, forming Martin Construction Resource (MCR).

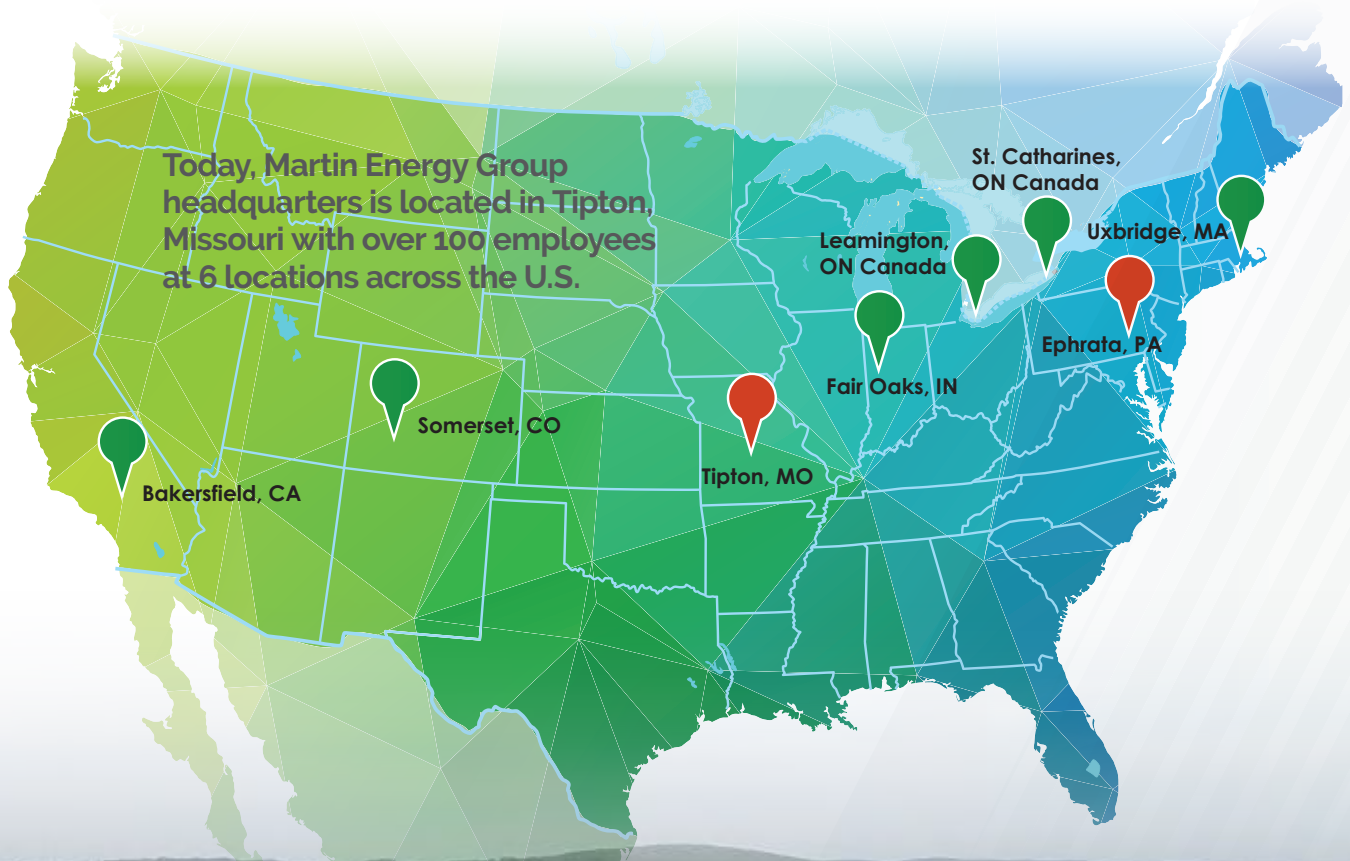
**2017**

Martin Energy Group headquarters move to Tipton, Missouri.



Biological gas scrubber, Indiana, USA.

# Facilities



# Project Highlights



## CAYEY, PUERTO RICO

### Combined Heat & Power Unit

48SM 1800RPM  
6 units in enclosures  
E-house  
Provided a 7th unit earlier this year

Shipped 2019

#### Martin Energy Scope:

Unit Selection, Design, Manufacture  
CHP unit commissioning



## CIDRA, PUERTO RICO

### Combined Heat & Power Unit

100 EM 56SL  
8MW natural gas site

Shipped 2020

#### Martin Energy Scope:

Unit Selection, Design, Manufacture  
CHP unit commissioning



## VA HOSPITAL, ALBANY, NY

### Combined Heat & Power Unit

MTU Engine 12V4000 GS  
Regular TAJ

Shipped in 2018

#### Martin Energy Scope:

Unit Selection, Design, Manufacture  
CHP unit commissioning



# Project Highlights



## **ASTRA ZENECA WALTHAM, MA**

### **Combined Heat & Power Unit**

Siemens 56HM 1800RPM  
Close-it container  
HRSG outside of enclosure

Shipped 2016

#### **Martin Energy Scope:**

Unit Selection, Design, Manufacture  
CHP unit commissioning



## **CH4 CAYUGA AUBURN, NY**

### **Combined Heat & Power Unit**

Jenbacher J 312 GS-C81  
Regular TAJ

Shipped 2018

#### **Martin Energy Scope:**

Unit Selection, Design, Manufacture  
CHP unit commissioning



## **MS STATE UNIVERSITY STARKVILLE, MS**

### **Combined Heat & Power Unit**

MAN E3262 E302 engine  
Close-it container

Shipped 2019

#### **Martin Energy Scope:**

Unit Selection, Design, Manufacture  
HP unit commissioning

# Project Highlights



## **AASPEN AEROGELS NORTHBOROUGH, MA**

**Combined Heat & Power Unit**

Siemens 56HM  
550' TAJ

Shipped 2016

**Martin Energy Scope:**

Unit Selection, Design, Manufacture,  
CHP unit Commissioning



## **BIG MARBLE FARMS MEDICINE HAT, AB**

**Combined Heat & Power Unit**

Siemens (2) 100EM (2) 56SL  
6 MW Combined Natural Gas Units

Shipped 2020

**Martin Energy Scope:**

Unit Selection, Design, Manufacture,  
CHP unit Commissioning



## **IPG PHOTONICS OXFORD, MA**

**Combined Heat and Power Unit**

1 x 250 kWe engine  
3 x 1000 kWe engine

Shipped 2016

**Martin Energy Scope:**

Unit Selection, Design & Manufacture  
CHP unit commissioning

5 Year comprehensive aftermarket  
service plan

# Additional Resources

## Martin Energy Group Manufacturing Headquarters

[https://youtu.be/i60PDws5W\\_s](https://youtu.be/i60PDws5W_s)

## Heat Recovery Solutions

<https://youtu.be/CZMBA9EO-VQ>

## Client Success Stories

### **DelFresco Farms, Leamington, ON**

[https://youtu.be/H-SgW7g\\_Zd8](https://youtu.be/H-SgW7g_Zd8)

### **Waldan Gardens, Wainfleet, ON**

[https://youtu.be/tHsA\\_g14G\\_A](https://youtu.be/tHsA_g14G_A)

### **Eastern Fence, Calverton, NY**

[https://youtu.be/ibp\\_8XWmp60](https://youtu.be/ibp_8XWmp60)