



POWERING COMPREHENSIVE SOLUTIONS

Energy + Utilities Group

GHAFARI

SPACE
TO
THRIVE

Energy and utility clients need cleaner, cost-effective and more efficient solutions to meet the increasing demand of their customers.

Our integrated team works with energy and utility leaders to determine the most sustainable design solutions for their complex operating environments and technically driven facilities. Working together, we combine assessment, analysis, programming, and planning expertise to create cost-saving energy approaches tailored to each client's needs.

Our assessment and analysis cover the systems, equipment, technology, capacities, levels of redundancy, current energy use, and regulatory requirements that impact clients' day-to-day business operations. Based on this deep understanding, we develop programs that minimize greenhouse gas emissions, improve energy efficiency, and help businesses succeed.

MARKET SERVICES

CONSULTING

- Alternative Energy Strategies
- Biomass
- Building Envelope Analysis
- Energy and Utility System Analysis
- Energy Strategy Development
- Equipment Analysis
- Geothermal
- Indoor Air and Water Quality Analysis
- Risk and Reliability Assessment
- Solar and Wind
- Utility Infrastructure Planning

CONSTRUCTION

- Construction Management
- Design-Build Management
- Lump Sum and GMax Delivery
- Owner's Representation
- Pre-Construction Cost / Benefit Analysis
- Program Management
- Project Management

ARCHITECTURE + ENGINEERING

- Architecture and Interior Design
- BIM Integration Management
- Civil Engineering
- Construction Administration
- Cost Estimating and Scheduling
- Electrical Engineering
- Facility Programming and Planning
- Fire Protection Engineering
- ICT and Security Systems Engineering
- Industrial and Process Engineering
- Laser Scanning
- Mechanical Engineering
- Plumbing Engineering
- Structural Engineering
- Utility and Technology Master Planning

FACILITY TYPES

- Data Centers / Mission Critical Facilities
- Industrial, Manufacturing, and Distribution Facilities
- Mixed-Use Buildings
- Research and Development Facilities
- Smart Buildings
- Support Buildings

COVER: Grainger San Francisco Distribution Center Photovoltaic System **LEFT, BOTTOM RIGHT:** NextDiesel Biodiesel Production Facility **TOP RIGHT:** NextEnergy Headquarters & Alternative Energy Center



REPRESENTATIVE CLIENTS

A123 Systems
Agresti Biofuels
Ardesta
Consumers Energy
Empower Energies
LG
NextDiesel
NextEnergy
SoulBrain
W.W. Grainger

OFFICE LOCATIONS

Birmingham, Alabama USA
Chicago, Illinois USA
Dearborn, Michigan USA
Detroit, Michigan USA
Greenville, South Carolina USA
Indianapolis, Indiana USA
Mexico City, Mexico
São Paulo, Brazil
Baroda, India
Abu Dhabi, UAE
Doha, Qatar
Jeddah, Saudi Arabia
Muscat, Oman

FOR MORE INFORMATION

Direct any questions to info@ghafari.com, and a regional representative will contact you to discuss how a Ghafari partnership can help your business thrive.