



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

Central Utility Plants
Corporate Facilities
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
Fort Worth, Texas USA
Grand Rapids, Michigan USA
Greenville, South Carolina USA
Indianapolis, Indiana USA
Mexico City, Mexico
São Paulo, Brazil
Baroda, India
Istanbul, Turkey
Abu Dhabi, UAE
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.