



The Plug Smart Team Brings Superior Service and Engineering to their Commercial, Industrial, Not-for-Profit, K-12, Higher Education, Federal, State, & Local Government Clients

About Us

Juice Technologies, DBA Plug Smart is made up of a team of dedicated Energy Professionals with over 35 years of experience, having successfully completed thousands of energy projects worldwide. Juice Technologies, DBA Plug Smart offers a variety of services including, but not limited to HB 264, HB 420, HB 251, HB 295, Energy Audits, HVAC, Lighting, Energy Management, Rebate Recovery, PJM auction, EPACT Certification, Demand Limiting, Retro-commissioning, Performance Contracting, Solar, and Cogeneration Projects.

Energy Projects



Help clients identify and implement cost effective EE projects

- Lighting Projects
- HVAC Automation
- Control Systems
- Motors & VFD's
- Precision Clean Rooms
- Compressed Air Systems
- Demand Response Programs

Project Incentives



Help clients recoup investments on past, current EE projects

- Utility Energy Efficiency Programs
- PJM Grid Operator RPM Auctions
- Federal EPACT Tax Certification Services
- Federal, State, and Local Grant and Other Programs

On-Site Generation



Help clients design, own and operate on-site generation systems

- Develop Projects from Start to Finish
- Cogeneration, CHP, Solar, PPA's
- Feasibility Studies and Financial Modeling
- Generation Site Planning & Logistics
- Third Party Financing

EE Consulting



Help clients problem solve complex energy efficiency problems

- Energy Audits & Assessments
- Owners Advocate Services
- Measurement & Verification
- Green Energy & EE Training

Key Personnel

Rich Housh, CEM - CEO

Rich is the former CEO of Control Solutions and has over 35 years of experience in energy services, energy management, HVAC, security software, and monitoring and control technology and services. Rich has led energy auditing teams in over 500 commercial, industrial, and institutional facilities. Rich attended the United States Naval Academy, has been a Certified Energy Manager since the mid 1980's, and graduated with a B.S. in Education from Miami University.

Dave Zehala, CEM - President

Dave is Plug Smart's President and brings more than 24 years of experience in energy services, general management, process improvement, and creative project financing. Dave has helped over 250 large commercial, industrial, manufacturing and non-profit clients implement energy efficiency projects and programs that are self-financed through the utility bill savings and cash flow they create. Dave is a Certified Energy Manager and earned a Bachelor of Science Degree in Electrical Engineering from The Ohio State University, and a MBA from the University of Texas at Austin.

Tom Martin, CEM - COO

Tom has been part of the commercial design and construction industry for over 20 years, specializing in HVAC and Plumbing systems design and installation. He has directly managed over \$100-million of design/build, design/assist, plan/spec, and performance contracting projects. Tom holds a B.S. in Architectural Engineering from Penn State University and a 9-year apprenticeship instructor for HVAC Systems Design and Commissioning.

Rusty Friend, P.E. - Lead Professional Engineer

Rusty is Plug Smart's Lead Professional Engineer. He has over 16 years' experience as an industrial facilities engineer, project manager, and worked in program development for energy and mechanical engineering projects. His extensive and broad project experience includes energy management projects, fuel switching projects, technology savings verification, and HVAC design. Rusty has personally audited in excess of 10 million square feet of government, institutional, commercial, and industrial space including more than 350 facilities. Rusty is a P.E. and holds a B.S. in Mechanical Engineering from The Ohio State University.

Company Information

DUNS: 003902081

CAGE Code: 5EB06

Certification: Service Disabled Veteran Owned Small Business (SDVOSB)

2012 NAICS

238210, 238220, 238290, 237130, 423610, 541310, 541330, 541512, 541620, 541690, 541990, 926130

Past Performance

US Army - Cairo West AFB

\$2 million design/build precision calibration laboratory project. Responsible for the engineering and construction of all energy and environmental systems, as well as the entire building envelope for this mission critical laboratory complex.

National Institute of Standards & Technology

Design/Build and commissioning/certification of numerous Precision Controlled Environments that included the tightest tolerance metrology laboratories in the world. Also did the first major Bacnet-LON integration project in the Advanced Metrology Center at NIST - Gaithersburg, MD.

University of Toledo

Investment grade energy audit for over 8 million square feet. Design/Build HVAC and Fume Hood controls for laboratory sciences building. Owners Representative for 1.2 MW Solar and Wind PPA.

General Electric - Lighting Division

\$6.9M Energy Services Performance Contract resulting in \$810K per annum energy savings. Scope included lighting, energy management systems, HVAC retrofits, ventilation upgrades and process cooling modifications.

General Motors Global Headquarters

The CEO's company engineered, furnished, and installed the energy management systems in this 5.5 million sq. ft. facility. Also engineered and installed all controls in the utility plant owned by DTE Energy.

North Olmsted - H.B. 264 Project

\$3.2. million H.B. 264 project, which was the largest project of its kind in Ohio in 2012. Plug Smart was responsible for all aspects of this energy savings performance contract, including boilers, lighting, EMS, windows, and water/sewer conservations.

Other Clients Include:

Ohio State University
University of Cincinnati
University of Dayton
Columbus Metro Library
General Motors
Cincinnati Public Schools

GE Transportation
Emerson Electric
Belkin International
VA Hospitals
Proctor & Gamble
Columbus Zoo