



CUSTOMER PRAISE

“We have had the opportunity to work with Willdan on several data center projects over the years. I cannot say enough good things about our experiences. All of the people from top to bottom were extremely knowledgeable, helpful and just great to work with.”

Nabon Marsico, Regional Director of Operations, Zayo Group

“Working with Willdan has been a tremendous benefit to Grainger and our energy awareness. Over the years Willdan has changed how Grainger views the computer rooms and over the past year has been instrumental in reducing energy consumption at our new LEED v4 data center. As we move forward with more and more projects I will seek Willdan’s expertise to ensure we are approaching our projects with the right mindset. Every aspect about Willdan has been irreplaceable.”

Damon Boyd, Regional Property Manager, W.W. Grainger

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www.willdan.com/energy/data.aspx

The Willdan data center team combines a unique blend of in-depth technical and market expertise to design custom approaches for the data center industry. We deploy comprehensive solutions in data centers across the country that increase productivity, save energy and consider the unique motivations and characteristics of each individual stakeholder. Our team successfully delivers energy savings to utilities, public entities, end users, vendors and other stakeholders working within this complex and rapidly changing community.

DATA CENTER SERVICES

- Site assessments and benchmarking (e.g. PUE, DCiE)
- Certification assistance (e.g. ENERGY STAR®, LEED)
- Performance contracting
- Vendor and design review
- Third-party engineering analysis
- Measurement and verification
- Commissioning, retro-commissioning and on-going commissioning
- Utility incentives
- Program and project management
- Owner’s representative and construction management

ACHIEVEMENTS

- Presented on leveraging energy efficiency in data centers at the Energy Efficiency as a Resource Conference 2015, hosted by the American Council for an Energy Efficient Economy (ACEEE)
- Helped clients across the U.S. save over a half a billion kWh and secure more than an estimated \$85 million in incentives
- Received Uptime Institute’s Brill Award in IT Systems Efficiency
- Authored Association of Energy Engineers (AEE) white papers outlining innovating cooling approaches in the data center space

Willdan, founded in 1964, is a leading nationwide provider of value-added professional technical and consulting services. The primary markets Willdan serves are: energy; infrastructure and transportation; municipal engineering, planning, and staff augmentation; economic and financial analysis; and homeland security and emergency management. Our large percentage of repeat clients reflects our reputation for delivering high-quality projects on time and within budget.

Competitive Advantages

- Significant expertise with government agencies and major utilities
- Qualified, experienced staff
- Ability to provide a broad range of services
- Reputation for high-quality service provided on time and on budget
- Offices strategically located in key markets Provides experience and capabilities of larger firms with flexibility and responsiveness of smaller firm

Willdan Energy Solutions is a preeminent national energy efficiency and sustainability consulting firm providing specialized, innovative services in energy and resource management. Willdan serves businesses, utilities, state agencies, municipalities, and non-profit organizations. Our talented staff and experienced engineers develop efficient and cost-effective approaches within all phases of projects. Willdan services include comprehensive surveys and audits, marketing services, implementation services, program design, benchmarking analysis, and metering.



| AGENCY | SERVICE |
|--|--|
| AEP Ohio Ohio | Outreach, Program and Project Management, Measurement and Verification |
| CenterPoint Texas | Energy Assessment, Marketing, Measurement and Verification, Outreach, Program Administration, Program Design |
| Commonwealth Edison Illinois | Energy Audits, Outreach, Program and Project Management, Measurement and Verification |
| Eversource Massachusetts | Targeted Outreach |
| National Grid Massachusetts/ Rhode Island | Targeted Outreach |
| New Jersey Office of Clean Energy New Jersey | Targeted Outreach |
| NYSERDA New York | Outreach, Program and Project Management, Staff Augmentation, Technical Review |
| Southern California Edison California | Billing Analysis, Energy Audits, Outreach, Program and Project Management, Measurement and Verification |
| United Illuminating Connecticut | Targeted Outreach |
| Xcel Colorado | Targeted Outreach |

| REPRESENTATIVE CUSTOMERS |
|------------------------------|
| Financial Institutions |
| Healthcare Providers |
| Commercial Real Estate Firms |
| Colocation Providers |