



- 813-389-7871
- [contact@keentelengineering.com](mailto:contact@keentelengineering.com)
- [www.keentelengineering.com](http://www.keentelengineering.com)
- 400 N Ashley Dr #2600, Tampa, FL 33602



# Keentel Engineering

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## Company Profile







# About Keentel Engineering

## Your Trusted Partner in Electrical Engineering and Power Systems

At Keentel Engineering, we deliver electrical power engineering services built on 30 years of experience and a commitment to excellence. Our clients include utilities, developers, EPCs, and public agencies across the U.S.

Unlike firms that sacrifice technical depth to chase billable hours, we prioritize precision, compliance, and value engineering. From transmission services and relay modeling to winterization and SCADA planning, we never compromise on quality.

### Our Mission

To ensure we offer clients value-added solutions that showcase technical prowess. Our work is superior, cost-effective and designed to enhance electrical engineering system safety and reliability with the combination of our experience, knowledge, technology and expertise with ASPEN, PSSE (version 33/34), Digsilent and ETAP and other power system software programs.

### Our Vision

To offer a growth rate of over 50% in the next five years by becoming a top choice and preferred partner for specialized and provider of various electrical engineering solution among IPP, large scale renewable sector and conventional T&D assets owners.



## Our Assurance

We want to continuously deliver projects promptly, thereby exceeding the stakeholders' expectations in terms of high quality and completion while following industry mandated procedures and programs.



## POI Interconnection Engineering Support

Our skilled and knowledgeable engineering team has a rich history in designing, developing and commissioning various substation and interconnection engineering support projects.



## Substation Design Services

At Keentel Engineering, we are experts in substation and interconnection engineering support services. Our experienced and knowledgeable team has a solid history in engineering, developing.

# Our Electrical Engineering Services

Our Electrical engineering team offers a wide range of services. We are a U.S. based electrical engineering and power engineering company with a focus on engineering, procurement, construction and associated regulatory compliance.



## EHV, HV, MV Power System Studies

Ensure electrical safety, minimize downtime, and meet compliance standards with our expert power system studies across Extra High Voltage (EHV), High Voltage (HV), and Medium Voltage (MV) networks.



## NERC O&P 693 Compliance Services

At Keentel Engineering, our NERC compliance consultants specialize in helping power sector clients meet NERC 693 standards, including all aspects of O&P and RSAW requirements.



## Owner's Engineer Services

At Keentel Engineering, we specialize in providing comprehensive owner's engineer services tailored to meet your project's unique needs with a commitment to excellence.



## Utility Scale Solar Farm Engineering

Welcome to our comprehensive suite of electrical engineering services designed specifically for utility-scale solar farms. Our dedicated team of experienced professionals is committed to delivering excellence.



# Why Choose Keentel Engineering?

At Keentel Engineering, we take pride in being the go-to Electrical Power engineering firm for power and utility system planning, design, control, and analysis. Some of the many attributes of our company that set us apart are:



## Client-Focused Work Approach

We work collaboratively from design and modeling to commissioning, ensuring we understand your goals and deliver tailored power system engineering services.



## Quality with Innovation + Compliance

Whether you need ETAP, PSCAD, or SKM load studies, DIgSILENT simulations, or IEC 61850 automation solutions, we provide cutting-edge support with a compliance-first mindset.



## 30 Years of Experience

We work collaboratively from design and modeling to commissioning, ensuring we understand your goals and deliver tailored power system engineering services.



## Attention-to-Detail

We work collaboratively from design and modeling to commissioning, ensuring we understand your goals and deliver tailored power system engineering services.





# Who We Are

We're not just engineers—we're problem solvers, system thinkers, and quiet revolutionaries helping power the future.

Across the United States, our 21-member electrical engineering team shows up every day to bring certainty to complexity. We're licensed. We're seasoned. And we're divided into three groups, each doing what they do best:

## The Designers (6 engineers):

They turn lines into lifelines. With tools like AutoCAD, Revit, ETAP, PVSyst, and CAD 3D, they translate ambition into design—calculating, modeling, and detailing systems that work the first time.

## The Grid Whisperers (7 engineers):

These are your PSCAD, PSS@E, and DigSILENT experts. They speak the language of large-scale power plants and grid dynamics—ensuring your project plays well with the utility and the future.

## The Watchdogs (8 engineers):

They live and breathe compliance. From OSHA and NFPA 70 (NEC) to NERC and FERC, they make sure your systems are bulletproof—ready for inspection, audit, and everything in between.

We're not chasing every job. Just the right ones—the ones where precision matters, where compliance isn't optional, and where experience makes all the difference.

**This is what we do. This is who we are.**

# Group #1

## Power System Design Group

### 6 Engineers

This team excels in detailed electrical design, utilizing software such as AutoCAD, CAD 3D, Revit, ETAP, and PVSyst. They are proficient in conducting all necessary electrical calculations to support high-quality deliverables for utility-scale and industrial projects.

#### Key Expertise

- AutoCAD
- CAD 3D
- Revit
- ETAP
- PVSyst

# Group #2

## Power System Studies Group

### 7 Engineers

Focused on advanced modeling and simulation, this group specializes in conducting dynamic and steady-state analyses using tools such as PSCAD, PSS®E, and DIgSILENT PowerFactory. Their expertise supports large power plant interconnections and grid integration studies.

#### Key Expertise

- PSCAD
- PSS®E
- DIgSILENT PowerFactory

# Group #3

## Regulatory Compliance, Inspection & Audit Group

### 5 Engineers

This team ensures that our projects meet all relevant codes and standards, including OSHA, NFPA 70 (NEC), and NERC/FERC regulations. They oversee electrical safety compliance, perform regulatory studies, and support audit readiness for both new and existing installations.

#### Key Expertise

- OSHA
- NFPA 70 (NEC)
- NERC/FERC regulations





# Software Experience



AutoCAD  
**27+ Years**

DigSILENT | PowerFactory

DigSILENT  
**8+ Years**



ETAP  
**15+ Years**

SIEMENS | PSS®E

PSSE  
**14+ Years**

Bentley  
MicroStation

Bentley  
**14+ Years**



SEL  
**27+ Years**



EasyPower  
**10+ Years**



PSCAD  
**5+ Years**



SKM PowerTools  
**15+ Years**



Cyme  
**27+ Years**



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