



Capabilities & Solutions



Think Power Solutions | At-A-Glance



Who We Are

Founded in 2013 with the vision of utilizing modern technology to influence and positively impact the utility infrastructure industry, Think Power Solutions (TPS) has established themselves as a trusted partner in delivering electric infrastructure solutions powered by leading technology, practices, and people.



300+
Employees



Our Core Values



Entrepreneurship



Accountability



Safety



Transparency

Our Services



CONSTRUCTION
MANAGEMENT



ENGINEERING
SERVICES



PROJECT
MANAGEMENT



STORM
RESPONSE



SURVEYING &
STAKING



PROTECTION &
CONTROLS

Our Customers



Core Markets



TRANSMISSION



DISTRIBUTION



RENEWABLES

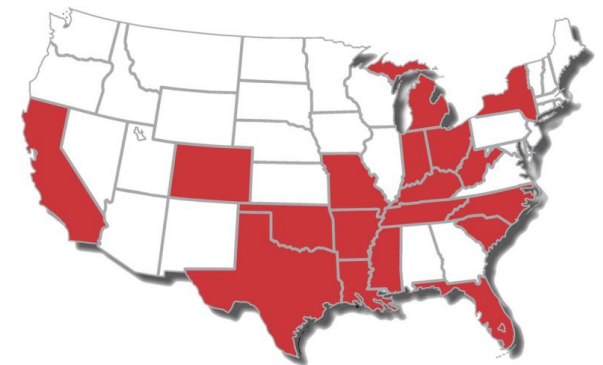


GAS



TELECOM

Where We Work



Think Power Solutions | Fast Facts



12

Years in
Business

5000+

Projects Completed

1000+

Number of
Substations

30K

Miles of
Transmission Line

20K

Miles of
Distribution Line

10K

Miles of Telecom
Line

\$100B+

Total Capital Program
Value Supported

\$1B+

Dollars Saved for
Our Clients

2M+

Injury-free Work
Hours

Our Capabilities | Services We Offer



Storm Response



Project Management



Protection & Controls



Construction Management



Surveying



Engineering



EHS & HPI

Damage Assessment

Project Controls

Relay Testing Services

Construction Oversight

Right of way

Standards & Specifications

Consulting & Administrative

Wire Down Guard

Regulatory Compliance

Transformer Testing

Quality Assurance & Inspections

Easement Surveying & Staking

Source Inspections

Training

Safety & Security

Data & Risk Management

Commissioning Services

Outage Coordination

Distribution Design

Risk Assessment & Auditing

Crew Mobilization

Material Management

Circuit Breaker & Switch Testing

T&D Line Patrol

Pole Loading Analysis

Human Performance Improvement

Owner's Engineer

Staff Augmentation

Substation Equipment Testing

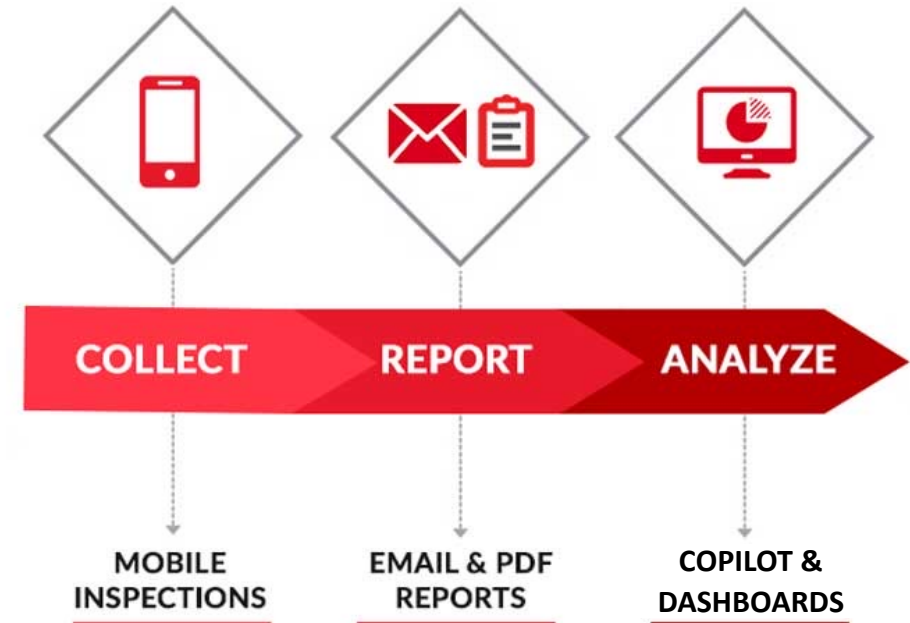
P&C Design

Our AI-Driven Tech Advantage



Think Power offers a technology-driven approach with their advanced software.

- Custom forms with photos and voice notes
- As-built documentation and redlining
- P6 integration
- AI-Powered to make informed decisions
- Time and Expense capture with exception reporting to ensure accurate invoicing



Case Studies




Enhanced Efficiency for \$10B CAPEX Program



PROJECT SNAPSHOT

LOCATION

 Central & Midwest US

CUSTOMER



PROJECT VALUE

\$10B

CAPEX PROGRAM

The Challenge

AEP needed a help managing their annual \$10 CAPEX Oversight program.

Responsibilities included project updates, schedule oversight, budget management, and quality control. The extensive operational footprint spanned 11 states, 220,000 distribution line miles, and 40,000 transmission line miles. Finding a single contractor capable of supporting the diverse service area, while meeting AEP's stringent safety and compliance standards, added complexity to the process.

The Solution

Think Power Solutions appointed localized group managers to establish oversight teams across the Central and Midwest United States. Within three months of contract approval, resources were on-site with comprehensive training. Streamlined processes allowed for rapid hiring as needed, often within a week of client notification.

Value-Added Results

Significant improvements in project management efficiency, compliance adherence, and resource deployment agility. The establishment of localized oversight teams, coupled with streamlined processes and robust compliance measures, contributed to enhanced project outcomes and cost savings for AEP. The successful execution of the program underscored the effectiveness of Think Power Solutions' tailored approach and commitment to meeting client needs.

HIGHLIGHTS



Enhanced Oversight Efficiency



Improved Compliance



Rapid Resource Deployment

Streamlining Distribution System Improvements



PROJECT SNAPSHOT

LOCATION

 Central & West Texas

CUSTOMER



PROJECT VALUE

\$100M

SYSTEM UPGRADES

The Challenge

Due to the severe weather events of February 2021, Oncor, significantly increased funding for distribution system improvements. This surge in funding, which exceeded \$100 million, led to the addition of over 75 contract construction crews exclusively supporting this effort. With such a substantial increase in project activity, Oncor recognized the need for dedicated oversight to ensure the efficient execution of these projects.

The Solution

Think Power provided 10 oversight resources to manage all aspects of project execution. These resources collaborated closely with Oncor's engineering and construction groups to facilitate efficient resource utilization and timely project completion. Responsibilities included:

- **Coordination with Various Oncor Departments**
- **Project Resource Planning and Management**
- **Utilization of Oncor Software Systems**
- **Field Project Oversight**
- **Overall Project Quality Assurance**

Value-Added Results

The proactive management of project resources, close monitoring of project progress, and implementation of quality assurance measures resulted in efficient project execution, timely completion, and enhanced project quality, ultimately contributing to the resilience and reliability of Oncor's distribution system.

HIGHLIGHTS



Efficient
Project
Execution



Real-time
Project
Monitoring



Improved
Quality
Control



PROJECT SNAPSHOT

LOCATION

 North Carolina, South Carolina, Florida, Indiana, Ohio and Kentucky

CUSTOMER



The Challenge

Duke Energy embarked on a significant expansion of CAPEX spending to enhance their distribution system and improve overall system reliability. They sought contract resources to provide comprehensive project oversight, including project scheduling, contractor supervision, quality assurance, safety oversight, and documentation of project progress and issues. The widely dispersed geographic area posed a challenge in finding suitable resources to meet their needs.

The Solution

Think Power Solutions promptly appointed localized group managers with the necessary knowledge to establish local oversight teams across the Central and Midwest United States. Within three months of contract approval, resources were on-site with comprehensive training. Streamlined processes allowed for rapid hiring as needed, often within a week of client notification.

Value-Added Results

Significant improvements in project management efficiency, compliance adherence, and resource deployment agility. The establishment of localized oversight teams, coupled with streamlined processes and robust compliance measures, contributed to enhanced project outcomes and cost savings for AEP. The successful execution of the program underscored the effectiveness of Think Power Solutions' tailored approach and commitment to meeting client needs.

HIGHLIGHTS



Rapid
Resource
Deployment



Continuous
Learning




Enhanced
Project
Visibility

Revolutionizing CAPEX Oversight



PROJECT SNAPSHOT

LOCATION

 Central & West Texas

CUSTOMER



PROJECT VALUE

\$8B

CAPEX PROGRAM

The Challenge

As ONCOR's CAPEX exceeded \$8 billion annually, material issues began to escalate, resulting in significant extra expenditures due to construction contractor change orders and related issues in the field. With a focus on aligning project spending and construction execution, several key needs were identified for a robust construction oversight program:

- Improve collaboration between field teams and engineering
- Enhance communication of issues related to material, right-of-way, permitting, and other project challenges.
- Streamline tracking of project progress across the entire program.
- Minimize the impact of material issues on construction by detecting problems early and holding vendors accountable.

The Solution

Leveraging the expertise of the existing Think Power PMO team and proprietary project management technology, the following solutions were implemented:

- Real-time Project Progress Tracking
- Timely Issue Communication
- Comprehensive Project Monitoring
- Cost Reduction Measures
- Material Issue Management
- Quality Assurance/Quality Control (QA/QC) Feedback

Value-Added Results

Think Power's innovative solutions revolutionized construction oversight for ONCOR Electric Delivery, leading to enhanced project efficiency, cost savings, and improved overall project outcomes. By addressing key challenges and implementing effective strategies, Think Power enabled ONCOR to achieve its project goals and maintain its position as a leader in the energy industry.

HIGHLIGHTS



Significant
Cost
Savings



Efficient
Project
Management



Streamlined
Material
Management

Optimizing Post-Construction Inspections



PROJECT SNAPSHOT

LOCATION

 Houston, Texas

CUSTOMER



The Challenge

CenterPoint, a prominent utility provider in the Houston area, sought to enhance their post-construction inspection process for their extensive distribution system. The sheer volume and diverse nature of these inspections, coupled with a complex internal workflow, posed challenges in ensuring timely follow-up and documentation.

The Solution

Think Power collaborated with CenterPoint to address these challenges by providing resources for physical inspections and leveraging Think Power's software technology to streamline workflow. The following solutions were implemented:

- Mapping Technology for Field Efficiency
- Web-Based Dashboard for Real-Time Status
- Streamlined Data Entry
- Automatic Report Generation

Value-Added Results

By partnering with Think Power, CenterPoint successfully optimized its post-construction inspection process, resulting in improved efficiency, enhanced data accuracy, and real-time visibility into inspection status and results. Think Power's tailored solutions and technology integration empowered CenterPoint to streamline workflow, improve decision-making, and enhance overall performance in managing their distribution system.

HIGHLIGHTS



Improved Efficiency



Real-Time Performance Monitoring




Enhanced Data Integrity

Enhancing Transmission Asset Management



PROJECT SNAPSHOT

LOCATION

 Regionally throughout the Northeast & Southern United States

CUSTOMER

LS POWER
Innovation and Investment in Energy

The Challenge

LS Power, with a growing portfolio of transmission assets spanning multiple regions from New York to Texas, recognized the need to expand its services to support the long-term management of its capital assets. With an increasing number of assets under management, LS Power sought to enhance its technology solutions to streamline asset management processes, improve operational efficiency, and ensure compliance with regulatory requirements.

The Solution

Think Power was selected to provide technology solutions to support LS Power in achieving its overall program objectives. Think Power's comprehensive solutions included:

- **Mobile Applications:** Mobile applications were designed to facilitate aerial patrols, conduct ground verifications, document physical hardware inspections, and track the status of completed work. These applications enabled field personnel to efficiently capture data and streamline inspection processes, enhancing the accuracy and effectiveness of asset management activities.
- **Web Interface:** Think Power implemented a web interface that provided local or national utility management with insights into the overall program. This interface served as a centralized platform for monitoring project progress, tracking compliance-related activities, and generating comprehensive reports.

Value-Added Results

LS Power achieved significant improvements in operational efficiency, data accuracy, and program management for its transmission assets. The adoption of mobile applications and the web interface facilitated streamlined inspection processes, enhanced data capture, and comprehensive reporting capabilities, enabling LS Power to optimize asset management practices, ensure regulatory compliance, and drive long-term success across its transmission portfolio.

HIGHLIGHTS



Mobile Asset Management Tools



Enhanced Data Accuracy



Comprehensive Compliance Reporting

