



# Real Value Where It Counts

# Power Engineering

## Transmission Services

- Rebuild/Reconductor/Green Field
- Overhead
  - PLS-CADD Modeling:
  - NERC Line Rating/Thermal Rating
  - Tower Modeling
- Underground
  - ETAP Modeling:
  - Coordination Studies
  - Power Flow Studies
  - Thermal Studies
  - Short Circuit Analysis
  - Arc Flash Analysis
- Grounding Evaluation
- Right-of-Way Survey and Acquisition
  - ROW Agreement Evaluation
  - ROW Condition Assessment
- Highway Relocation
- Construction Coordination

## Distribution Services

- Rebuild/Reconductor/Green Field
- Overhead
  - PLS-CADD Modeling
- Underground
  - ETAP Modeling:
  - Coordination Studies
  - Power Flow Studies
  - Thermal Studies
  - Short Circuit Analysis
  - Arc Flash Analysis
- OH-UG Conversion
- ROW Survey/Acquisition
- Co-occupancy Planning/Acquisition
- Make Ready
- Pole Attachments Survey
- Highway Relocation
- Construction Coordination

## Substation Services

- Site Selection
- Substation Design
- Protective Relaying
- SCADA Systems/Automation
- Erosion Control Plans
  - SPCC Plans
- Control House Design

## Additional Services

- Renewable Energy
- Communications Engineering
- Corrosion Control
- Civil/Structural Engineering
- Gas Design
- Water/Waste Water Design
- Project Planning
- Permitting
- Project Management
- Complete EPC (Engineer, Procure, Construct)
- Construction

**Our Power Engineering group is made up of professional engineers, designers, planners, and project management professionals.** Henkels & McCoy has the

expertise in all aspects of overhead and underground, distribution and transmission, engineering and construction. We have a reputation for providing a high quality product in a timely manner.

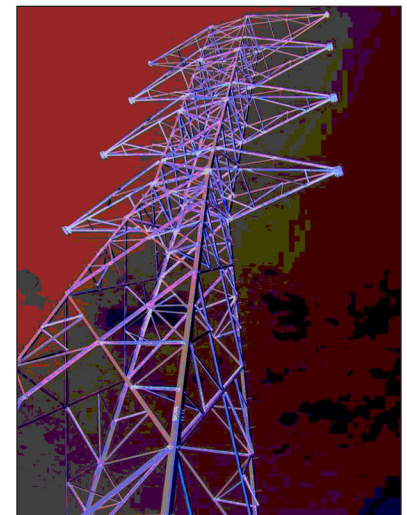
Henkels & McCoy has the ability to engineer and construct using our in-house multidiscipline approach, which assures that all aspects of a design are coordinated.

Our professional, multidiscipline capability, combined with our extensive experience provides a seamless, efficient process for our customers on both design and turnkey projects.



Our experienced staff uses industry accepted software and cutting-edge technology to efficiently provide design services. From medium and high

voltage substation design, renewable energy facilities, EHV transmission to low voltage distribution, and everything in between, we have the staff in place to meet your design and engineering needs.



## HENKELS & MCCOY®

### Infrastructure Engineering Group

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# Why Henkels & McCoy.

**Our commitment to you is far more than professional, it is personal.**

## H&M at a Glance

Henkels & McCoy is one of the largest privately held engineering, network development, and construction firms serving the communications, information technology, and utility industries. We have more than eighty offices strategically located from New England to Hawaii.

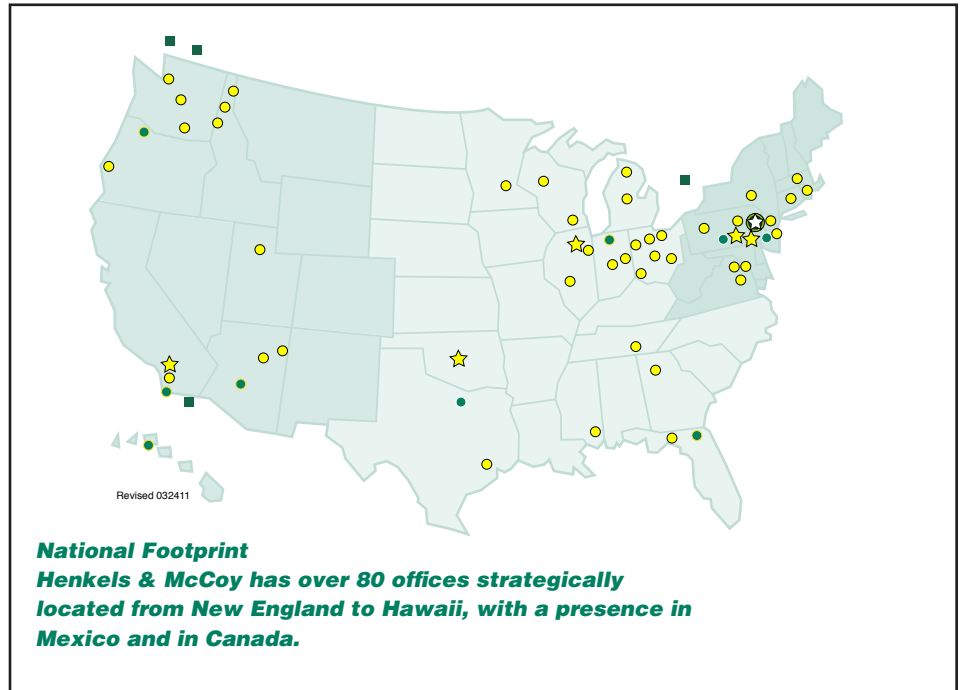
## Focus on Project Management

Henkels & McCoy's formalized Project Management Program represents a company-wide commitment to excellence. Formal and on-line training focuses on a variety of skill sets including job tracking, cost management, leadership, client management, and communication skills. Our customers realize the benefits of our efforts through improved efficiency and reduced costs relative to scheduling, material management, self-inspection, reduction of administrative expense through electronic communications, and sophisticated tracking mechanisms.



## Commitment to Safety

Safety represents a commitment to protect our employees, customers and the public. Based on this philosophy, we have created a corporate safety program that is well known throughout the industry and assures that our safety performance results from continual evaluation and implementation of company and



industry-wide best practices. In addition to our own initiatives, we will obviously uphold the standards and procedures adopted by our customer.

## Investment in Quality

Quality assurance requires collective action and accountability. True continuous improvement is a result of systematic planning, execution, coordination and verification. Our belief in Peak Performance cuts across all areas of our business and comes to life through our Corporate Quality Assurance group. This unit has a central role in developing processes and mechanisms to stimulate consistent, proactive dialogue with customers throughout the relationship.

## The Bottom Line

Our integrity and unwavering focus on safety, quality and accountability have driven our consistent, organic growth since 1923. With an uninterrupted history of family leadership since the beginning, our commitment to you is far more than professional, it is personal.

**HENKELS & MCCOY**

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**Our commitment to Performance is second only to our commitment to Safety**