

# ELECTRICAL - STUDIES

STATEMENT OF QUALIFICATIONS

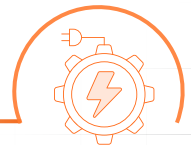
## RRC's Electrical Studies team

understands that the renewable energy sector demands innovative and reliable electrical system designs. As one of the few firms specializing in electrical studies for renewable energy clients, we offer a unique blend of expertise and experience.

We proudly serve a broad spectrum of clients in the solar, wind, power delivery, and energy storage sectors. Our Electrical Studies team has expanded tenfold since 2014 through organic growth fueled by our commitment to quality work and client satisfaction, two of our core values.

Our team is renowned for its responsiveness, reliability, and unwavering commitment to delivering high-quality work. We believe in building lasting relationships, evident from our 90% return

client rate. In entrusting your project to the RRC's Electrical Studies team, you're not just hiring a service; you're partnering with a leader in multidisciplinary engineering for utility-scale renewable clients.

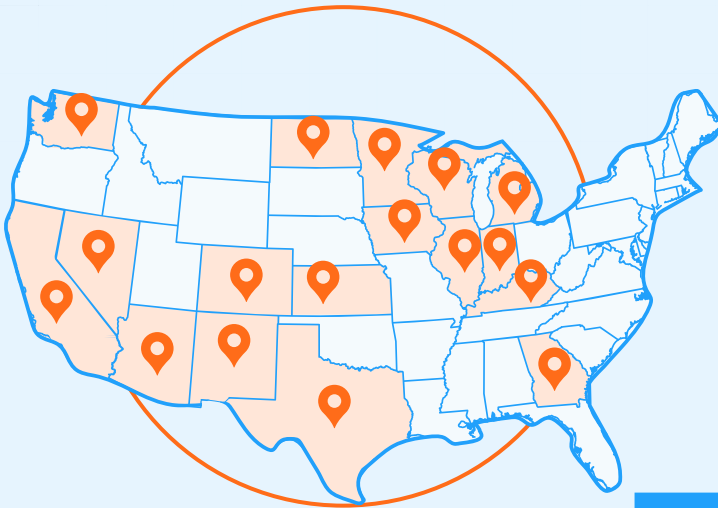


## Contact Us

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Alberta, Arizona, California, Colorado, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nevada, New Mexico, North Dakota, Texas, Washington, Wisconsin



5.6 GW

Total Capacity

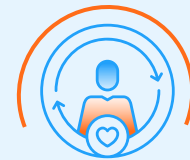
2025

+Alberta, Canada

17

U.S. states:

Arizona, California, Colorado, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nevada, New Mexico, North Dakota, Texas, Washington, Wisconsin



Key clients



36 Projects

24 Solar + 1 Wind + 11 BESS

- Blattner
- BayWar.e.
- EDF
- Rosendin
- CEI
- Invenergy
- RES
- RWE



## Services

### Electrical Studies

Short Circuit

Ampacity

Reactive Power and Load Flow

Loss Analysis

Grounding

Transient Overvoltage

Insulation Coordination

Protective Device Coordination

Lightning Shielding

Harmonic Analysis

Arc Flash

Transient Stability

Induced Voltage

Interconnection Studies

3rd party review of studies and Owner Engineer reviews.

## Software Capabilities

ETAP

CYMCAP

WinIGS

PSCAD

ASPEN

PSS/E

EasyPower

ArcPro

SKM

COMSOL

CDEGS

EMPT-RV

## → Markets

Solar

Wind

Power Delivery

Energy Storage (BESS)

## → Why RRC

Our expertise is not limited to a single geographic area; we have extensive experience across various Independent System Operators (ISOs), including CASIO, ISO-NE, NYISO, MISO, PJM, ERCOT, SPP, WECC, AESO, and IESO.

This wide-ranging experience allows us to bring a wealth of knowledge and tailored solutions to each project.

Our in-house synergy is our strength. The Electrical Studies team seamlessly coordinates with our transmission line, power delivery, and balance of plant engineering teams, ensuring comprehensive and integrated solutions.



Full Scope

