

José J. Rivera, PE, LEED™ AP

Senior Electrical Engineer / Inspector / Cx

Dallas TX Tel. 214.724.6134

jrivera@riveramep.com

Professional Summary

Energetic engineer with over 20 years of experience in buildings, wireless telecom facilities and infrastructure. Strengths in power distribution, lighting, fire alarm and security systems.

Has performed many building designs, technical reviews of construction documents, job-site surveys, inspections, electrical infrastructure evaluations and systems (LEED) commissioning. And hundreds of power engineering design projects for most of the US main wireless telecom carriers and site acquisition companies.

Worked in Saudi Arabia as an advocate to the Kingdom during construction and commissioning of vital electrical (HV/MV/LV) industrial infrastructure.

Has performed FEMA damage assessments to electrical facilities, belonging to the City of Houston, related to Hurricane Harvey.

Successful and fulfilling career with local and international reach based on work ethics, integrity, team-work and reliability.

Computer literate with strong AutoCAD, and basic Revit knowledge. Bilingual, English and Spanish.

**Capabilities**

Electrical Engineering, Commissioning, Project Management, Disaster Recovery, CADD, Supervision, Inspections, Quality Assurance, Safety, Sustainability Consulting, Forensics

Education

BS, Electrical Engineering (*magna cum laude*), University of Puerto Rico (USA), 1991
Business Marketing Certificate
Collin Co Community College, Texas (USA), 2004
Eaton Consulting Engineering Training, 2016

Registrations / Certification

PE in: CA, CO, FL, MO, NC, and TX

NCEES Record

LEED™ (Leadership in Energy & Environmental Design) Accredited Professional, US Green Building Council, 2008

www.riveramep.com

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Sample Projects

Wireless Telecom

- Power Engineering for **hundreds** of new and upgraded Cellular Tower sites thru out the US for the following carriers and landlords:
 - T-Mobile
 - AT&T
 - Sprint
 - Sigfox
 - Crown Castle
 - Star Towers, LLC
 - American Tower Corporation

Our work includes the electrical service, distribution, lighting and emergency backup power; in coordination with the RF designer and the site acquisition firm.

All NEC loads and fault current calculations are performed, with sealed documents delivered for permit and construction. Cost effective and fast delivery service to keep pace with the carriers’ marketing objectives.

We are licensed in: CA, CO, FL, MO, NC, and TX. And have a NCEES record. We can either deliver fully sealed electrical construction documents, or we can provide electrical design support (in CADD or red-marks) to the prime consultant for the states where we do not have a PE license yet. Of course, we can also procure additional PE licenses whenever the work volume grants that.

Projects are delivered at very competitive Unit and/or Hourly fee rates.

We have completed many other projects, in the following sectors:

Aviation

Higher Education

Research and Laboratories

K-12 Education

Energy Consulting

LEED Commissioning

Healthcare

Streets, Parking and Garages

Industrial

Residential