



J. Powers
RECRUITING, INC.

A member of the Sanford Rose Associates® network of offices.

Presenting on behalf of:

Lower Colorado River Authority (LCRA)

Austin, TX, Hybrid

Position:

Senior Engineer, Transmission Planning

Contact:

Prepared by Jennifer Powers

Phone or text: (916) 304-6661

Email: Jennifer@JPowersInc.com

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Senior Engineer, Transmission Planning

Have an opportunity to advance your career at a not for profit electric, water and community agency where the mission is to "Enhance the quality of life of its citizens they serve through water stewardship, energy, and community service"

Highlights

- ✓ Have a major influence on pioneering innovative projects that make a significant positive community impact. You'll engage in cutting-edge initiatives involving renewable energy, energy storage, and advanced load integration. Be a key player in shaping the future of the power grid through the strategic partnerships with ERCOT and NERC.
- ✓ Play a key role in coordinating with customers and leading comprehensive studies to integrate a variety of advanced technologies, including wind, solar, energy storage, data center loads, and large industrial loads.
- ✓ Using sophisticated tools like Siemens PSSE, DSA Tools, and PSCAD, model and analyze power system dynamics.
- ✓ You will have the opportunity to contribute to these initiatives and make a meaningful impact on the community and the future of the power grid.

Company Information

The [Lower Colorado River Authority "LCRA"](#) has a diverse portfolio focused on energy, water, and community services.

Energy:

- ✓ Hydroelectric Power: LCRA operates hydroelectric generating units at six Highland Lakes dams, producing about 295 megawatts (MW) of power.
- ✓ Renewable Energy: LCRA has increased its renewable energy, including 141 MW from the Juno Solar project and 10 MW from the Mars Solar project.
- ✓ Fossil Fuels: As of 2005, LCRA's power generation included 46.4% from coal, 46.1% from natural gas, and 7.5% from hydroelectricity.

Water:

- ✓ Water Management: LCRA manages the water supply for the lower Colorado River basin, ensuring water availability for municipal, agricultural, and industrial use.
- ✓ Flood Control: The authority also plays a crucial role in flood management through its dam operations and water release strategies.

Community Services:

- ✓ Public Services: LCRA provides various community services, including parks and recreational facilities, and supports economic development in the region.

About LCRA:

- ✓ LCRA operates and maintains over [5,400 circuit miles of transmission lines](#).
- ✓ LCRA operates [six dams](#) on the lower Colorado River in Central Texas. These dams include Buchanan, Inks, Wirtz, Starcke, Mansfield, and Tom Miller.
- ✓ LCRA provides water for more than [1.4 million people](#) and sells wholesale electricity to over 30 retail utilities, including cities and electric cooperatives.
- ✓ [Who we are...](#)
- ✓ [What we do...](#)
- ✓ [News Stories and Releases](#)

They Value and Appreciate their Employees

LCRA provides a very generous benefits package in addition to their competitive salaries. Below are some of the benefits provided to all employees.

✓ Benefits:

- Hybrid flexible work schedule – currently 3 days remote and 2 days in the Austin, TX office
- Public retirement pension
- Time off: Vacation & Holidays, Sick Time & Paid Family Leave
- Insurance: Medical, Dental, Vision
- Health Savings Account
- Flexible Spending Accounts
- Medical Care Support Services
- Legal Benefit Plan

- Supplemental Health Benefits Plan
- Life insurance, AD&D, Short-term and Long-Term Disability
- 401(k) Plan with 8% Employer Match or 457
- Wellness Programs: Empower Wellness, Employee Assistance and Real Appeal Weight Loss

Senior Engineer, Transmission Planning: Role

This position performs an exciting mix of engineering tasks relating to transmission planning:

- ✓ Engaged with our high tech, industrial and commercial customers, performing in-depth studies on the integration of cutting edge technologies, including wind, solar, energy storage, data center loads, and large industrial loads.
- ✓ Your primary focus will be on developing transmission solutions that ensure NERC Compliance and address steady state and stability violations resulting from system disturbances.
- ✓ Be involved in a wide range of topics, including inverter-based resources, stability model performance, and distributed energy resources.
- ✓ Conduct various interconnection studies (feasibility, system impact, stability, etc.).
- ✓ Propose transmission upgrades to ensure system reliability.
- ✓ Lead interconnection requests, collaborating with developers for efficient processes.
- ✓ Ensure compliance with ERCOT and NERC standards and regulations.
- ✓ Work closely with internal teams to support and implement transmission projects.
- ✓ Create and present detailed technical reports and analyses.
- ✓ Perform additional duties as needed, showcasing versatility and dedication.

Community Information

- ✓ [Austin Texas](#) is a vibrant and dynamic city known for its unique blend of cultural heritage, technological innovation, and natural beauty. Often called the "Live Music Capital of the World," Austin hosts a thriving music scene and numerous festivals, including the iconic SXSW and Austin City Limits.
- ✓ [City of Austin Website](#)
- ✓ The city is also a major tech hub, home to a growing number of startups and established tech giants.
- ✓ Set along the picturesque Colorado River, Austin offers scenic outdoor spaces, like Zilker Park and Lady Bird Lake, providing residents with abundant opportunities for hiking, kayaking, and enjoying the warm Texas climate.
- ✓ Known for its welcoming and progressive community, Austin balances a laid-back atmosphere with the excitement of a fast-growing metropolis, attracting people from all walks of life.

Background Profile

- ✓ **Bachelor's Degree:** in Engineering: Electrical highly preferred but can be a combination of another discipline along with the required experience.
- ✓ **Certification:** PE license in Texas is preferred but can also be from another State with the ability to obtain the license in Texas.
 - 8 years of engineering experience relating to the area of engineering specialization required to perform the job.
- ✓ **Expertise in:**
 - Running load flow analysis software such as PSSE and/or other applications such as VSAT, PSCAD.
 - Performing planning and interconnection studies.
 - Proposing transmission upgrade solutions for High Voltage or Extra High Voltage grid.
 - Knowledgeable in NERC, ERCOT reliability standards and interconnection requirements.
- ✓ **Top Skills:**
 - Electrical Engineer with a strong background in power systems.
 - Strong technical leadership skills
 - Excellent Customer Service skills

For questions and more information about this opportunity, please contact:

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