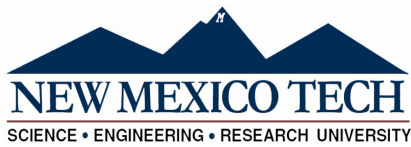


Posted: July 29, 2026



POSITION ANNOUNCEMENT

TITLE: POST DOCTORAL RESEARCH SCIENTIST

DEPT: PRRC

REG ☐

TEMP ☒

FULL TIME ☒

PART TIME ☐

STARTING RATE or SALARY RANGE \$55,000 - \$60,000

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

All regular positions also entitle the employee to several benefits including health, dental, vision, life insurance, and retirement which is largely paid by New Mexico Tech for the employee and dependents.

INTERNAL POSTING THROUGH: 08/07/2026*

CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

JOB SUMMARY:

This is a joint position between the Petroleum Recovery Research Center (PRRC) and the Department of Electrical Engineering at New Mexico Tech (NMT) in Socorro, New Mexico. The candidate will be part of an interdisciplinary team working on power and energy systems. The candidate requires a strong research background in power and energy systems (smart grids, microgrids, distributed energy resources) and hands-on experience with power system hardware, real-time simulation (e.g., OPAL-RT, RTDS, Typhoon HIL), hardware-in-the-loop (HIL/PHIL), and laboratory experiments. The position will include laboratory development, research and journal publication, conference presentation, proposal writing, and student mentoring.

JOB FUNCTIONS:

Design, development, and integration of a power and energy systems demo

Laboratory experiments, real-time simulation, and hardware-in-the-loop (HIL/PHIL) testing

Research on smart grids, microgrids, and DER's; journal and conference publications

Advise graduate and undergraduate students

Proposal development

REQUIRED QUALIFICATIONS:

Ph.D. or other doctorate level equivalent in Electrical Engineering, Power Systems, Power Electronics, Energy Systems, or related fields. Research background in power and energy systems (smart grids, microgrids, DERS). Hands-on experience: power system hardware, real-time simulation (OPAL-RT, RTDS, Typhoon HIL), HIL/PHIL, or laboratory experiments. Programming tools (Matlab, Python, etc.)

DESIRED QUALIFICATIONS:

Communication protocols (IEC 6185, Modbus, DNP3) and system integration. Grant proposal writing.

LIFTING REQUIREMENTS:

(f)requently, (o)ccasionally, or (s)eldom

0 - 15 pounds	F
15 - 30 pounds	O
30 - 50 pounds	S
50 - 100 pounds	
100 + pounds	

PHYSICAL DEMANDS:

Standing 20%	Sitting 60%	Walking 20%	Pulling
Pushing	Lifting	Stooping	Kneeling
Crawling	Climbing	Reaching	Other

Apply to: nmtjobapps@npe.nmt.edu