



Students learning about different industry employees at the Careers in Energy Panel at the Los Angeles Urban League.

WHO WE ARE

ABOUT CALIFORNIANS FOR ENERGY INDEPENDENCE

Californians for Energy Independence (CEI) is a statewide coalition of community organizations, faith, labor, local government, and businesses that support continued domestic energy production and the jobs and benefits it provides to communities and working families across California.

California’s oil and gas industry is an important part of California’s economy – responsible for more than 350,000 jobs. The industry employs a diverse workforce and provides employment opportunities across the educational spectrum. CEI works with our community partners to make sure students are aware of career opportunities in the energy industry.

LEARN MORE

CEICareersInEnergy.com

CONTACT US

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CAREERS IN ENERGY

Inspiring Future Leaders through STEM Education

CALIFORNIANS FOR ENERGY INDEPENDENCE

CAREERS IN ENERGY

Californians for Energy Independence and its community partners are teaming up on educational programs to encourage college and high school students to explore careers in the energy industry. “Careers in Energy” focuses on the importance of STEM studies and how excelling in these fields can lead to high-paying and fulfilling careers. Students participating:

- Meet energy industry employees.
- Hear about different career paths.
- Tour facilities providing safe, affordable and reliable energy for Californians.

DID YOU KNOW?

- The average salary of workers in the oil and gas industry is **\$84,451**.
- The oil and gas industry employs more than **70,861** people in the San Joaquin Valley and Northern California.
- In the San Joaquin Valley, **43%** of the oil and gas industry’s workforce are people of color.

11/15/17

CALIFORNIANS FOR ENERGY INDEPENDENCE



CAREERS IN ENERGY

EXCITING CAREERS IN THE ENERGY INDUSTRY



DRILLING ENGINEER

Enjoy finding ways to improve processes?

JOB DESCRIPTION: Determine the need for new or modified tool designs and find ways to improve oil and gas production.

EDUCATION NEEDED: Bachelor's Degree

AVERAGE WAGE: \$134,550 per year

"You don't need to be a genius to become an engineer. Everything can be learned."

– Esmeralda Macedo

ELECTRONICS ENGINEERING TECHNICIAN



Do you like to build, test, or modify electronic components?

JOB DESCRIPTION: Build electrical circuits off visual instructions

EDUCATION NEEDED: Associate's Degree

AVERAGE WAGE: \$67,000 per year



Meet Esmeralda

Water Quality Engineer,
California Resources Corporation

BACKGROUND:

- Esmeralda is a Mexican-born, California-raised Latina engineer.
- Inspired to pursue STEM studies by her high school chemistry teacher.

EDUCATION:

- B.S. - Chemical Engineering, Cal Poly Pomona
- M.S. - Chemical Engineering, CSU Long Beach

ORGANIZATIONS:

- Maximizing Engineering Potential program, Society of Women Engineers, and Society of Hispanic Professional Engineers

PASSION:

- Mentoring and passing on knowledge to others.



Esmeralda Macedo leading students on a tour of California Resources Corporation's THUMS facility in Long Beach, CA.

Considering a Job in the Energy Industry?

WHILE IN SCHOOL:

- Take, and work hard in, STEM classes.
- Join clubs/organizations related to your interests.
- Seek out counselors, mentors and internships

APPLYING FOR A JOB:

- Research the company and position you're applying for.
- Review your social media. Delete anything inappropriate
- Join LinkedIn.
- Completely fill out all application materials including cover letter, resume, and references.
- Be prepared for your interview -- dress professionally, arrive early and plan for two questions to ask the interviewer.
- Send a thank you note after the interview, either handwritten or emailed.