



Energy, Environment, & Utilities

This sector is designed to provide a foundation of knowledge and skills in careers related to energy, environment, and utilities. **The**

three pathways in Kern are:

- Environmental Resources
- Energy and Power Technology
- Telecommunications

California Future Forecast: New Jobs Annually 69,270

Average Wage: \$82,774

Career	Certificate	2-Year	4-Year+	Pay
Geothermal Technicians	✓			\$49,270
Security & Fire Alarm Installers	✓	✓		\$54,460
Hazardous Materials Removal Workers	✓	✓		\$51,110
Industrial Machinery Mechanics	✓	✓		\$64,680
Radio Mechanics	✓	✓		\$71,270
Water and Wastewater Treatment Plant & System Operator	✓	✓		\$75,570
Electric Power Line Installers & Repairers	✓	✓		\$94,370
Climate Change Analyst			✓	\$95,000
Geneticist			✓	\$101,040
Nanosystems Engineers or Physics Professor			✓	\$118,690

See the back for schools with these pathways.



Schools with Energy, Environment, and Utilities Pathways in Kern County

Energy and Power Technology

Power support field technician, water analyst, energy engineer, and phone technician

Independence High School

Shafter High School

Environmental Resources

Climate study and protection, environmental technician, sanitation worker

Bakersfield High School

East Bakersfield High School

Foothill High School

Frontier High School

Mira Monte High School

Ridgeview High School

South High School

Taft High

West High School

Telecommunications

Network administrator, line worker, wifi support

Independence High School

#IHAVEAPLAN



Kern Education Pledge signatories consists of all 46 public school districts in Kern County, the Kern County Superintendent of Schools, CSU Bakersfield, the Kern Community College District, Taft College, Charters, and community partners.