Energy Production

Education and Training

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Overview

- Energy Demand & Production
- The Future
  - Workforce
  - Education
Energy Consumption

Figure 12. World energy consumption, 1990-2035 (quadrillion Btu)

Organization for Economic Co-operation and Development (OECD) – U.S. EIA 2012
Energy Projections
2012-2030

- Moderate Growth
- Market Movement
- Demography
- Global Demand
School of Energy

Education and Industry-driven Collaboration
(to build)
Energy Production Education/Training Center
What We Do

• Partner with energy employers to address their training and labor needs.
• Design and offer training to enhance job skills and ensure safe work practices.
• Provide learning opportunities for individuals needing new skills to gain employment or advance in their jobs.
Programs Offered.

- School of Energy grants –
  - Associate of Applied Science
    - Natural Gas Compression
    - Petroleum Technology
    - Industrial Process Operations
    - Instrumentation and Controls
    - Occupational Safety
Invaluable Industry Partnerships

- Oil and Gas Producers
- Many Service Companies
- Two Power Plants
- Local, State & Federal agencies
- Community members
Recruitment - Training - Placement

- Career Changers
- Incumbent Workers
- Entry Level Worker

SoE
- Safety
- Gas Compression
- Lease Operations
- Commercial Driver’s License
- IPOP & Renewable Energy

San Juan College
- Degree Programs
- New Employment
- Job Advancement

School of Energy
Farmington, NM
Quality Assurance

Advisory Committees

IPOP
Lease Operations

Natural Gas Comp
CDL
Safety
- Continuing Challenges -

• Recruitment and referrals of trainees

• Ongoing public information

• Staying responsive to the interests, needs and demands of the industry
Future

• Advanced Training

• New Programs
  – Low Carbon Emissions Technology

• Training and Education Consistency
Our Goal

San Juan College’s School of Energy will be:

• The premier model for energy training in the U.S.
• The training provider of choice for energy related employers in the region
School of Energy Center

• Centralize three locations onto San Juan College’s main campus.
• Majority of funding from private & industry donors.
• Energy industry is critical to San Juan County economy and significant important to the state and national economies.

The new School of Energy Center would offer state-of-the-art training facilities for the Four Corners community – fulfilling a growing need for continued training for the energy industry.
School of Energy Center

- 65,000 square feet of new construction that includes classrooms, laboratories and training facilities; offices for faculty and staff; and related support spaces.
- Centralize the School of Energy programs at San Juan College’s main campus
- Total Cost $15,600,000
www.sanjuancollege.edu

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Thank You