

IMPACTING
DIVERSE STUDENT
POPULATIONS



IPAA ENERGY WORKFORCE
Education Center

Connecting Energy, Education and Community

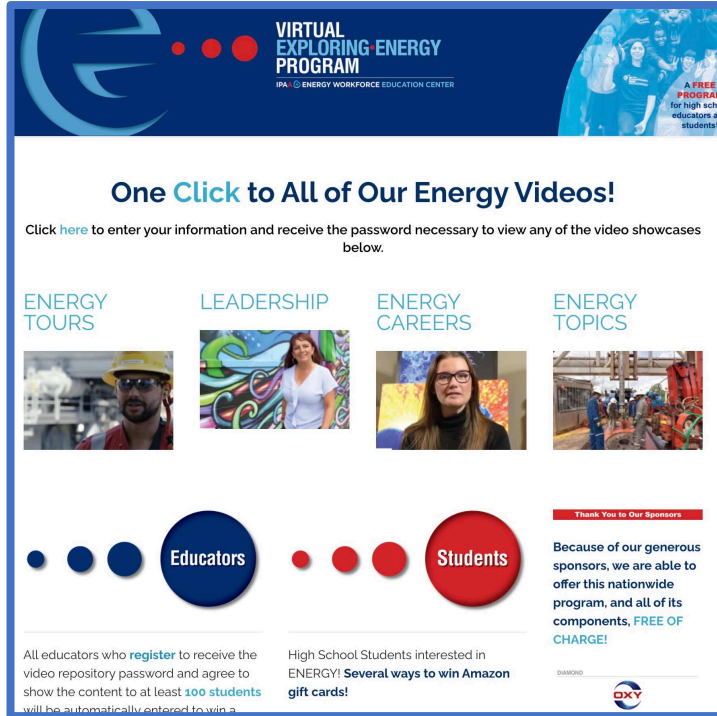
Who We Are

- In 2006, the IPAA Educational (501(3)c), formed the IPAA Energy Workforce Education Center
- Bridge between energy industry, school systems and local communities
- Response to the community and educators' requests for help from the industry
- Internally designed programs
- Create energy industry career awareness, STEM skill reinforcement, and soft skills training for teenagers
- 16 years experience working with school districts, educators, students, volunteers, communities and energy companies of all sizes
- Excel in working with underrepresented school districts with a high percent of students who qualify for low socioeconomic status

Results Snapshot

- 41,000+ students impacted
- 238 total schools
- 112 towns and cities
- \$1+ million in college scholarships awarded
- 41% female participation
- Three-fourths of students economically disadvantaged
- Significant impact on first generation college participation
- Demographics reflect diversity of the school communities we serve:
 - 61% Hispanic
 - 26% Black
 - 8% White
 - 3% Asian

MAIN PAGE




**VIRTUAL
EXPLORING ENERGY
PROGRAM**
IPA ENERGY WORKFORCE EDUCATION CENTER


One Click to All of Our Energy Videos!

Click [here](#) to enter your information and receive the password necessary to view any of the video showcases below.


ENERGY TOURS




LEADERSHIP



ENERGY CAREERS



ENERGY TOPICS



Educators

All educators who [register](#) to receive the video repository password and agree to show the content to at least **100 students** will be automatically entered to win a


Students

High School Students interested in **ENERGY!** Several ways to win Amazon gift cards!

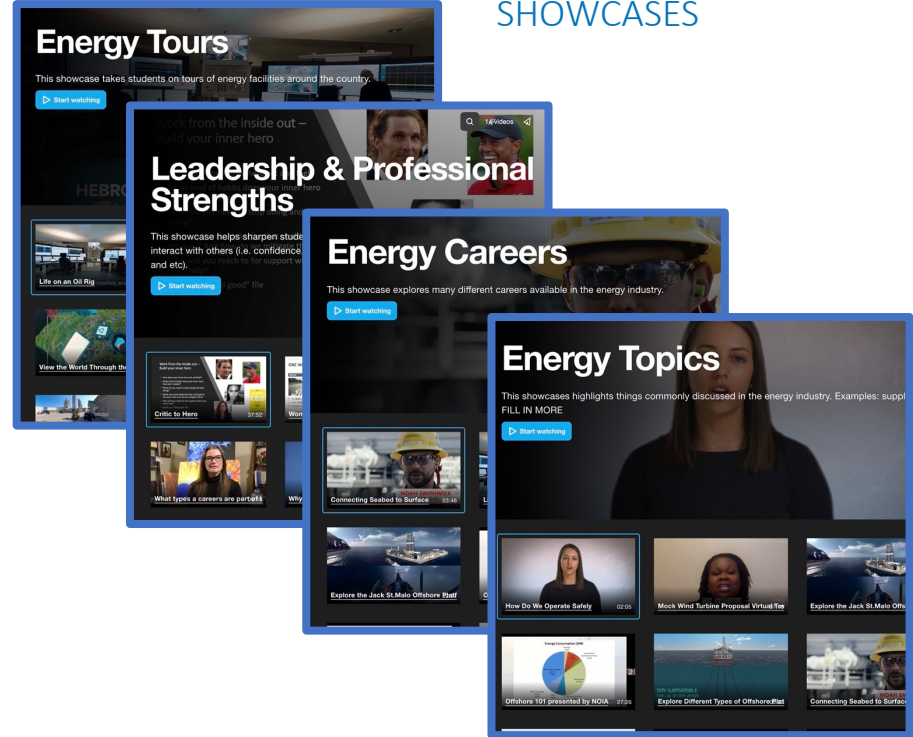
Thank You to Our Sponsors

Because of our generous sponsors, we are able to offer this nationwide program, and all of its components, **FREE OF CHARGE!**

SPONSOR



SHOWCASES



Energy Tours

This showcase takes students on tours of energy facilities around the country.

[▶ Start watching](#)

Leadership & Professional Strengths

Look from the inside out – build your inner hero.

This showcase helps sharpen students' ability to interact with others (i.e. confidence and etc).

[▶ Start watching](#)

Energy Careers

This showcase explores many different careers available in the energy industry.

[▶ Start watching](#)

Energy Topics

This showcase highlights things commonly discussed in the energy industry. Examples: supply and demand, renewable energy, and more.

[▶ Start watching](#)

Offshore 101 presented by NOAA

Offshore 101 presented by NOAA

How Do We Operate Safely

How Do We Operate Safely

Mock Wind Turbine Proposal Virtual Tie

Mock Wind Turbine Proposal Virtual Tie

Explore the Jack St. Malo Offshore Platform

Explore the Jack St. Malo Offshore Platform

Connecting Seabed to Surface

Connecting Seabed to Surface

2021-2022 Virtual Exploring Energy Program Sponsors

DIAMOND



ZERO IN™



PLATINUM



GOLD



SILVER



Program Snapshot

- Video Library – all forms of energy
 - Energy Industry Topics
 - Energy Careers
 - Energy Tours
 - Leadership & Personal Strengths
- National Student Competitions with Prizes
- Spanish Language Videos
- Educator Incentives
- Energy/STEM Certificate Program
- Live Virtual Guest Speakers in the Classroom
- Student-Led National High School Student Energy Academy (Club)

A FREE, NATIONAL PROGRAM FOR SECONDARY SCHOOL STUDENTS
25,400 STUDENTS | 24 STATES/TERRITORIES | 93 TOWNS/CITIES | 2021-2022 (18 MONTHS)

Alaska

Fairbanks

Arkansas

Malvern

California

Taft

Colorado

Aurora
Colorado Springs
Golden
Highlands Ranch

Cyprus (Mediterranean)

Nicosia

Florida

Orlando

Georgia

Alpharetta
Atlanta
Augusta
Blackshear
Buena Vista
Cumming
Fort Valley
Kenneshaw
Lilburn
Lithonia
McDonough
Milton
Savannah
Snellville
Vidalia
Union City

Illinois

Chicago
Effingham

Kentucky

Danville
Louisville

Louisiana

Amite
Baton Rouge
Covington
Edgard
Folsom
Houma
Lake Charles
Mandeville

Michigan

Holland
Mt. Pleasant

Mississippi

Biloxi
Richtown

Montana

Havre

Nevada

Las Vegas
Yerington

New Mexico

Artesia
Hobbs
Los Lunas
Mescalero

North Dakota

Dickinson

Oklahoma

Heavener
Mulhall
Tulsa

Ohio

Newark
Toledo
Warren

Pennsylvania

Gettysburg
Natrona Heights
New Brighton
Pittsburgh

Puerto Rico

Bayamon
Camuy

South Carolina

Chapin

Texas

Balmorea
Burleson
Channellview
Crosby
Fort Stockton
Fort Worth
Galena Park
Galveston
Houston
Humble
LaVilla

Texas (cont'd)

Leander
Lockhart
Magnolia
Memphis
Port Arthur
Schertz
Spring
Texarkana

Virginia

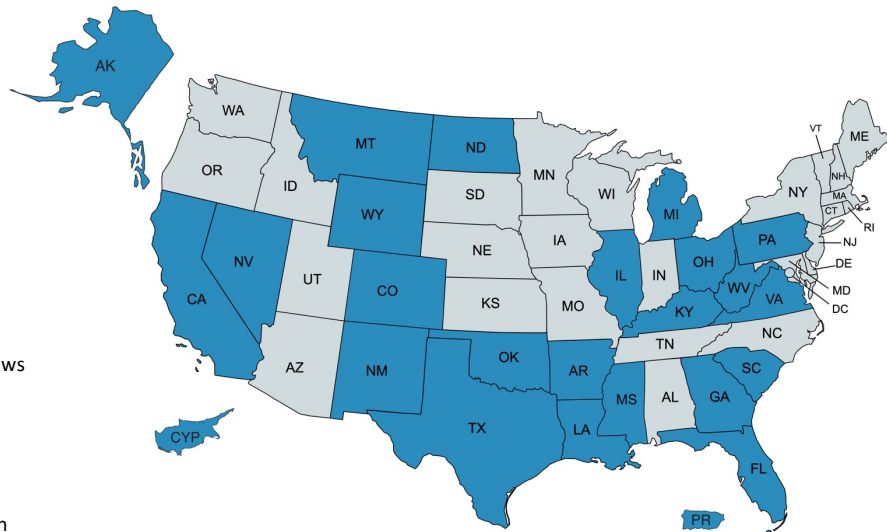
Blacksburg
Chesterfield
Glen Allen
Newport News

West Virginia

Belle
Charleston
Fairmont
Madison
Morgantown
Petersburg
Weirtown

Wyoming

Wright



One Click to All of Our Energy Videos!

VISIT US • www.ipaa.org/education/exploring-energy

ENERGY TOURS



LEADERSHIP



ENERGY CAREERS



ENERGY TOPICS



IMPACTING DIVERSE STUDENT POPULATIONS

- Through our program and platform teachers can apply for **virtual guest speakers** to present in their classrooms on energy
- Companies volunteer to participate in this program bringing energy directly to classes
- Presentations are recorded to show in additional classrooms
- Last year's participants:



Opening Up . . . a College-Level Energy Club

Your financial contribution to our program can support the overall Exploring Energy Program, the existing National High School Energy Club & upcoming College-level National Energy Club

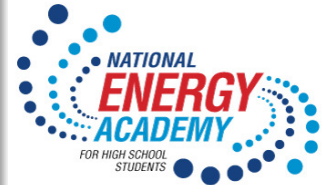
Bringing students together from around the nation with a common interest in the future of energy

■ **Join Us in Opening up a College-level 'Energy Club'**

- There are 157 colleges and universities in the US offering energy programs
- Get your organization's name before college students
- Promote your organization's college internship programs

■ **Help Support Our National Energy Academy (High School Energy Club)**

- Students use their certification of completion on college applications and are part of a LinkedIn exclusive group that supports early career networking, announces scholarships, and helps students stay connected to the industry



Oscar Portillo, president of the **High School National Energy Club**, obtained a high school internship with TotalEnergies, summer 2022

SPONSORS

- Get their name out to a wide network of communities, students, educators
- Impact communities where they do business
- Help create awareness of careers that are available to residents
- Optional opportunity for employee involvement and employee development

EDUCATORS

- Provided free energy content for their classrooms
- Connecting energy to state goals and objectives
- Each school hosts a variety of cohorts for students to choose from. Each cohort needs access to content, local events & activities for students to participate in that relate to that specialty. Without these additional offerings the cohort will fail to have enough student enroll and classes will change on the campus. Our program helps support the STEM, engineering, business and energy related cohorts.

STUDENTS

- Receive energy content in the classroom
- Introduced to how energy relates to real life careers
- Participate in an Energy Club where they can learn more, hold an officer position, build their high school resume, college applications and early career networking
- Access to a repository of up-to-date energy information, scholarships, internships and potential externships

PARENTS

- See their student build their high school resume, college applications, learn about energy careers
- See their student be part of an organization outside of school that starts their networking circle



- Apache
- Cameron
- Cobalt International Energy
- Core Laboratories
- Distribution NOW
- El Paso
- EOG Resources
- Equinor
- ExxonMobil
- FMC Technologies
- Gardner Denver
- Gulf Publishing
- Halliburton
- Harbison-Fischer
- Marathon Oil Co-Op Program
- M-I SWACO
- National Oilwell Varco (NOV)
- Newfield Exploration
- Noble Energy
- Occidental
- Oceaneering
- PEC Safety Management
- Schlumberger
- Shell Oil
- SM Energy
- Smith
- Southwestern Energy
- TechnipFMC
- Texland Petroleum
- TotalEnergies

- Ulterra
- Valerus
- W&T Offshore
- Weatherford
- Weir Oil & Gas
- XTO Energy

**795 Externs in
37 Companies!**

2022 UPDATE | High School Summer Internship, TotalEnergies Trading Floor, Oscar Portillo, Energy Club President



Easy Ways to Get Involved



**IPAA ENERGY WORKFORCE
Education Center**

Connecting Energy, Education and Community

CONTACT

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WHY BE INVOLVED?

- Invest in communities where your organization does business.
- Get your name before a diverse national audience of secondary school students & educators.

WAYS TO BE INVOLVED:

Your Organization's ESG Initiatives

- Make our turnkey program part of your ESG initiatives.

Financial Support

- Make a financial donation to the IPAA Educational Foundation, a 501(3)c.
- Select the IPAA Educational Foundation when shopping on AmazonSmile.
- Encourage your employees to attend one of our upcoming virtual or on-demand energy industry courses, fundraisers for our Foundation.

Your Organization's Video Content

- Give permission for us to include your organization's publicly available video content in our Virtual Exploring Energy Program.

Development Opportunity for Your Employees

- Video your employees speaking about their careers in English and in Spanish. This can be as simple as a Zoom recording of an employee with/without a PowerPoint presentation, and we can record this for you.
- Sign up to speak virtually with a classroom about energy or speak to our student-led National Energy Academy (club).

Help Us Promote the Program

- Provide a quote for us to use on social media, share graphics & messaging online.
- Connect us with your friends in all energy sectors, so we can continue to expand our program.