

Quick Path to Energy

Energy and Utilities Industry Information Session

Funded by Atlantic City Electric an Exelon Company





Session Agenda

- Career Awareness
- Requirements
 - Training Programs
 - Employment
- Program Services
 - Workers in Sustainable Employment (WISE)
 - Get Into Energy (GIE) Math & Test Prep
 - The Line School
- Next Steps

A photograph of three women in an industrial setting, likely a power plant or refinery. They are wearing white hard hats and safety glasses. The woman on the left is smiling and looking towards the center. The woman in the middle is pointing with her right hand towards a large, complex diagram or piece of equipment. The woman on the right is looking upwards and to the right, appearing to be in conversation. The background is slightly blurred, showing industrial structures and pipes. The overall tone is professional and collaborative.

**Building awareness of careers
in the energy industry.**



Why is this Industry Hiring?

- Aging Workforce
- Natural Disasters
- Increased Demand for Energy Services

Energy Services



Fossil Fuels

Coal, Oil and Gas



Nuclear Energy

Low Emissions, Reliable,
Low Cost to Operate



Renewable Energy

Wind, Solar,
Geothermal, Biofuel,
Hydropower



Utility Careers

Entry Level Utility Positions

- Helper
 - Substation
 - Relay
 - Overhead
 - Communication Technician
- Dispatcher
- Private Contractor Positions



Utility Careers

- Damage Prevention Technician/Utility Locator
- Laborer
- Mechanic/Mechanic Trainee
- Utility & Production Mechanic
- Meter Processor/Reader
- Plant Operator



Industry Benefits

(Based on Employer)

- Group Medical, Dental, and Vision Insurance
- Pension or 401K (Matching contributions made each week)
- Life Insurance (Company-paid and supplemental available)
- Short Term & Long Term Disability
- Tuition Reimbursement
- Paid Vacations/Holiday
- On-Call Compensation



Is this for you?

- Are you willing and able to work outdoors in all types of weather?
- Do you have a valid drivers' license?
- Do you have any medical conditions that would exclude you from achieving a CDL license?
- Are you afraid of heights?
- Are you afraid of confined space or partially enclosed space?
- Are you willing and able to stand or walk for long periods of time?
- Are you able to lift 25lbs.? 50lbs.? 75lbs.?
- Are you willing/able to work in a continuous service operation (varying shifts or “on call”)?



Requirements

Training Program

Employment Requirements



Training Program Requirements

Enrollment Requirements

- Verified District Resident Age 18+
- Valid Driver's License (State Issued Identification)
- High School Diploma or the Equivalent (GED)?
- Score 9th grade level or higher on the Test of Adult Basic Education (TABE)



Employment Requirements

Pre-Employment Requirements

- Eligible to work in United States
- Pass the Construction Skills Trades Test (CAST)
- Pass a Criminal Background Check
- Pass Drug Screening
- Driving Record History
- Pass a physical exam




Employment Requirements

For Certain Positions

- Be available to varying shifts
- Be able to work at elevated heights
- Be able to lift 25lbs, 40lbs or more
- Possess valid driver's license
- Be able to stand or walk for extended periods of time
- Be able to work in confined spaces
- Be able to work in extreme weather conditions
- Be able to pass job specific test



Program Services




Program Services

- Prescreening & Orientation
- Academic Refresher Sessions
- Energy Industry Employment Test Preparation
- Assistance in Preparing for Workforce Success
- **Training Programs (no cost)**
 - **Workers in Sustainable Employment (WISE)**
 - **Get Into Energy (GIE) Math & Test Prep**
 - **The Line School**




Workers in Sustainable Employment (WISE)




Workers in Sustainable Employment (WISE) Program

1. Welcome Session
2. Work Habits and Safety Overview Session
3. Construction Industry Session
4. Energy Industry Session
5. The Résumé Writing Session
6. The Coaching and Résumé Review Session



Workers in Sustainable Employment (WISE) Program

7. Team Building Session
8. The Sexual Harassment and Conflict Management Session
9. Applications Process Session
10. The Interviewing and Networking Session
11. Technical Skills and Pre-Employment Testing Session
12. Wrap-Up



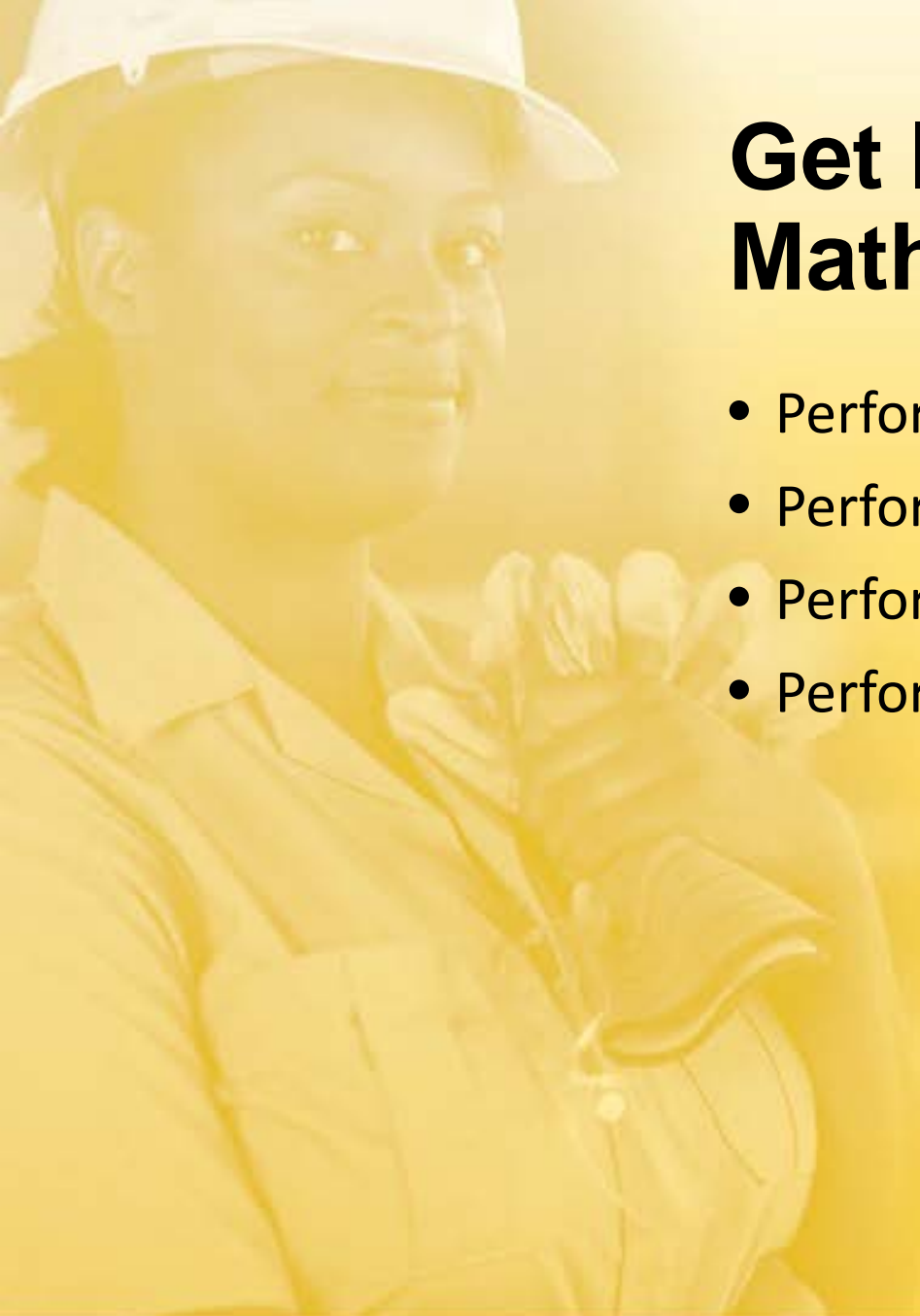
Workers in Sustainable Employment (WISE) Program

- Location: Online
- Dates
 - Begins on Tuesday, March 9
 - Ends on Thursday, April 15
- Live Zoom Sessions, Thursdays, 6-9 p.m.
- 9-hours per week, six weeks

The background of the slide features three construction workers. On the left, a woman in a white hard hat and safety glasses looks towards the camera. In the center, a woman in a blue hard hat and safety glasses points her right hand upwards. On the right, a woman in a white hard hat and safety glasses looks upwards and to the right. The entire image has a semi-transparent, light-colored overlay.


Get Into Energy (GIE) Math & Test Prep Program

prepares you for the **Construction Skills Trades Test (CAST)**



Get Into Energy (GIE) Math & Test Prep Program


- Performance-based Objective 1 (General Math)
- Performance-based Objective 2 (Mechanical Principles)
- Performance-based Objective 3 (Relationships)
- Performance-based Objective 4 (Logical Conclusions)



Get Into Energy (GIE) Math & Test Prep Program

Performance-based Objective 1


- Perform basic mathematical operations involving
- Arithmetic (Including Operations with Integers; Decimals; Fractions; Prime Numbers; Factors; Percent, Solving for an Unknown)
- Basic Algebra (Including Order of Operations; Ratios and Percent; Exponents; Unit Conversions; Solving for an Unknown)
- Basic Geometry (Including Perimeter, Area, and Volume, of polygons and solids)



Get Into Energy (GIE) Math & Test Prep

Performance-based Objective 2

- Demonstrate knowledge of mechanical principles including
 - Force
 - Laws of Motion
 - Friction
 - Pressure
 - Energy
 - Work
 - Simple machines
 - Mechanical Advantage
 - Gears




Get Into Energy (GIE) Math & Test Prep Program

Performance-based Objective 3

- Identify relationships among objects in a drawing and use the dimensions to compute distances, areas, and ratios.

Performance-based Objective 4

- Read, analyze, and draw logical conclusions from information read.



Get Into Energy (GIE) Math & Test Prep Program

- Location: Online
- Dates
 - Begins on Tuesday, April 20
 - Ends on Thursday, May 27
- Live Zoom Sessions, Thursdays, 6-9 p.m.
- 40 hours, 9-hours per week, six weeks

The background of the slide features three utility workers. On the left, a woman in a white hard hat and safety glasses looks towards the camera. In the center, a woman in a white hard hat and safety glasses holds a clipboard and pen, looking down at it. On the right, a woman in a white hard hat and safety glasses looks upwards and to the right. The entire image has a semi-transparent orange overlay.

The Line School

Prepares you for the **Physical Abilities Test (PAT)**



The Line School

- Hands-on instruction to students seeking a career in the energy industry as a line worker.
- Content
 - Fundamentals of line work
 - Bucket truck skills
 - Equipment operations
 - Pole climbing, climbing gear management
 - Heartsaver CPR/AED/First Aid
 - OSHA Outreach 10-Hour Training Course

All helpers and lineman apprentices must be able to pass the Physical Abilities Test (PAT).



The Line School

- Evening Program
- 4:30-8:30 p.m., two days per week, six weeks
- Location:
Anthony "Tony" Canale Training Center
5033 English Creek Ave.
Egg Harbor Township, NJ 08234
- Dates
 - Fall 2021



Next Steps



Next Steps

- Schedule your TABE Assessment with Atlantic Cape (Must complete at a 9th grade level.)
- Receive approval from Workforce Development Board
- Complete WISE Program and/or
- GIE Programs (including passing the CAST test)

TABE Assessment Schedule

Day/Date	Time
Tuesday, February 16	9:30 a.m.
Wednesday, February 17	11 a.m.
Thursday, February 18	5 p.m.
Tuesday, February 23	9:30 a.m.
Wednesday, February 24	11 a.m.
Thursday, February 25	5 p.m.

Contact: Ms. Michele Matulevich
mmatulev@atlantic.edu, (609) 343-5655

Testing Location:
Atlantic Cape Community College
Worthington Atlantic City Campus
1535 Bacharach Blvd., Atlantic City, NJ



Questions

Quick Path to Energy

Energy and Utilities Industry Information Session

Funded by Atlantic City Electric an Exelon Company

