



# Energy Careers **DISCOVERY ZONE**

**NOVEMBER 21, 2024**

**HILTON WASHINGTON AT THE WHARF**

Save the date for an interactive learning journey about energy careers.

**SPONSORED BY THE CENTER FOR ENERGY WORKFORCE DEVELOPMENT**



## **INTRODUCING THE ENERGY CAREERS DISCOVERY ZONE**

This new event will offer one-stop information-shopping and experiential learning for those who influence people, policies, and practices related to the energy workforce. The Discovery Zone will provide answers to all the questions that are being asked as the industry looks to staff, train, and diversify its workforce. The event is not for job seekers.

### **HERE'S WHAT TO EXPECT**

**9:00-9:45**

**Take-Aways from DOE's 21st Century Energy Workforce Report (Pre-Discovery Zone Presentation)**

**10:00-11:00**

**Understanding the Opportunities, Needs, and Challenges of Energy Careers**

**11:00-2:00**

**Discovery Zone Energy Career Experiences**

The Discovery Zone will give participants the chance to try, do, climb, fly, experience, simulate – and otherwise touch and feel energy jobs and talk with those who can answer questions about the industry's workforce development needs and opportunities. Some of the experiences of the day will include (but are not limited to and are subject to change):

- Hands-on experiences with solar energy generation, inverters, battery storage systems, supervisory controls and data acquisition and additional renewable energy technologies
- Drone flying (yes, you can drive!)
- Simulators to experience nuclear energy jobs and working with heavy equipment
- Exploration of a 5 foot turbine blade model
- Cable splicing station
- Electric Vehicle and charging station exploration
- Activities with home energy efficiency pumps/electrical/plumbing/HVAC
- Lineworker training demonstration
- Live natural gas experiments
- Mechanical insulation education
- Try your hand opportunities with overhead tools of the trade/PPE Hotstick Demo
- "Powering the Future" 3D Printing and on-site manufacturing
- Safety demonstration and lessons
- 3D printing of a solar panel model
- Virtual reality glasses featuring various dozens of careers in the energy industry

Experiences will be offered both indoors and outdoors – in the air, on tables, in trucks, on poles, on machines, in labs, and in altered reality. Plan to spend some time taking it all in and trying as many activities as possible.

**There is no fee to attend the Discovery Zone, but pre-registration is required. Register at <https://getintoenergy.org/>.**

The Discovery Zone is, quite simply, all about discovery. Participants will learn:

### **WHO**

is hiring now, soon, and later – by industry segment

### **WHAT**

energy jobs will be in greatest demand

### **WHERE**

hiring needs are projected and what skill sets and competencies will be required

### **HOW**

candidates should prepare for hiring into energy jobs

### **WHY**

there's never been a better time to pursue equitable energy employment opportunities

**All of this will be covered by insightful and energetic presentations, of course, but Discovery Zoners will also enjoy experiential learning through interactive displays.**

### **IN COLLABORATION WITH**

