



CE is seeking between 5 and 8 educator leaders to participate in its Pacific Northwest Clean Energy Fellows cohort, developing regionally specific and justice-centered Action Plans to broaden student access to the clean energy economy.

About CE

CE is a national clean energy, career connected education program from Bonneville Environmental Foundation. Together with schools, educators and industry, we strive to build a clean energy future to ensure that our communities and the environment are thriving and resilient. We focus on solutions-oriented energy education that engages industry, is driven by equity, and seeks to amplify local leadership. We work to expand access to opportunities for all students regardless of their geography, gender, race, ethnicity, or socioeconomic status.

CE is funded by corporations, regional utilities, and philanthropic organizations. To date, our funders have impacted more than 250,000 students nationwide through CE programming.

CE's Clean Energy Fellows

CE is committed to transforming education for the next ten years through self-sustaining cycles of local engagement centered around educator leadership. A successful transition to an equitable and clean energy economy requires that all students be set up for success, which necessitates a centering of both educator and student genius. CE's Clean Energy Fellows models are explicitly designed to harness this genius and facilitate the delivery of justice-centered, career-connected programming that eliminates barriers for students that are unrelated to their actual potential for success.

Each of these Fellows cohorts are focused on aligning the needs of CE partners and communities to deliver the highest impact with the highest likelihood for longevity. These cohorts can be categorized by the scope of their intended impact and focus, whether it be deep regional engagement or nationwide engagement around a



specific industry area. Both CE's Pacific Northwest Clean Energy Fellows as well as its Water Power and EV Clean Energy Fellows programs operate as part of a broader national collaborative of energy education leaders. However, Pacific Northwest Clean Energy Fellows focus the impact of their work on the regional energy ecosystem that their students will lead and transform.

CE Justice Statement

CE is committed to ensuring all students have access to opportunities in energy. As such, we have developed a [Justice Statement](#) that highlights our approach and actions in our equity and justice work in this program.

Pacific Northwest Regional Clean Energy Fellows Cohort

This cohort consisting leaders from across the Pacific Northwest (BPA territory) seeks to reimagine the structures in place in their region for building student access to and influence on the clean energy economy. Each Fellow or Fellow pair will develop unique programming that leverages the community relationships, regional energy resources, place-based challenges, and industry expertise to deeply integrate justice-centered engagements into their educational environments.

Regional Collaboration and Partnership Development:

PNW Clean Energy Fellows will meet consistently with their broader regional cohort to provide peer-to-peer feedback, build content knowledge background, and identify equitable pedagogy to guide the development of their new programming. Beginning with the August Leadership Institute, this collaborative approach continues throughout the rest of the cohort's first year and beyond, through follow-up consultation and participation in a Leadership Network. Throughout this process, CE will recruit regional partners to provide expertise on specific topic areas and support Fellows in their delivery. This partnership development will also take place at a community level, with supports in place to build relationships between Fellows and their local utilities, energy-adjacent industries, educational networks, and other community partners.

Action Plan Development:

The core intention of this Fellows model is to develop robust Action Plans that intend to facilitate student engagement and shaping of the clean energy economy. Each Fellow or pair will apply with a concept whose implementation begins the same school year. Plans can take a number of forms, such as curriculum development, engineering challenge planning, event planning, career-connected programming design, or combinations of these and other approaches. This Plan is refined over the course of the program, through peer/partner collaboration as well as adjustment during implementation. While a core intention of these Plans are to develop replicable tools and concrete outputs within the year, CE acknowledges that such initiatives often take multiple years to achieve bigger goals, and provides structures to continue consultation and support of Fellows as they move beyond their initial year.

PNW Clean Energy Fellows Outcomes

This Clean Energy Fellows model, aimed at developing localized opportunities for student energy leadership, intends to achieve the following outcomes:

1. Each Fellow develops place-based Action Plans that align with five Strategic Priorities, ensuring the Plan :
 - Builds hands-on opportunities for students to access the clean energy economy.
 - Is equity driven and justice-centered.

- Amplifies program impact, reaching a broader regional group of educators.
 - Incorporates strategies to make it self-sustaining, with a targeted 10-year lifespan.
 - Is partner-informed, infusing industry and educational partners voices.
2. Clean Energy Fellows are positioned as national leaders, operating as part of a broader Fellows network that provides professional development, participates in mentorship opportunities, and consults with CE to continue expanding energy education leadership.
 3. Regional industry networks such as utilities, trades allies, renewable developers, advanced manufacturing, and other groups have permanent inroads into classrooms, building long term relationships and support mechanisms for Fellows and their professional learning communities.
 4. Fellows participate in and inform a national framework and implementation strategy to align energy education with research, policy goals, and stakeholder visions in the pursuit of climate justice and an equitable economy centered around clean energy.

Fellows Support

In participating as an Pacific Northwest Clean Energy Fellow, educators will receive:

- A \$5,000 stipend
- A \$2,000 materials budget to procure classroom resources
- Compensation for additional training, presenting at conferences, and travel as opportunities arise
- Access to leading subject matter experts in the region, as well coaching from CE staff

PNW Clean Energy Fellows Details

In this engagement, Clean Energy Fellows will:

- Complete an initial draft Action Plan Concept and complete pre-work to build initial background prior to Institute
- Participate in a four-day Leadership Institute with broader Fellows cohort
- Complete a Final Action Plan to present at a Fall Kickoff event
- Complete 3 Milestone Reports and Interviews, in alignment to pre-determined objectives spaced out over the course of a year
- Participate in periodic check-ins with PNW cohort to provide and receive feedback, gain additional professional development, and share completed work and resources
- Present Year 1 program results at Final Showcase event in the summer of 2022

Fellows Eligibility and Selection Process

Pacific Northwest Clean Energy Fellows must be an **employed educator (classroom or out-of-school time) or district support staff** that serves students within

customer-owned utility territory (BPA service area) in Washington, Oregon, Idaho, or Montana.

The ideal Fellow will have:

- a role serving students from minoritized identities in STEM or rural populations
- experience in curriculum design and educational leadership
- demonstrated knowledge of career-connected learning strategies
- strong knowledge of and some experience in teaching three-dimensional STEM as modeled by the Next Generation Science Standards
- experience and training in pedagogical approaches that support equitable learning
- awareness of successful approaches to PD in their district

Fellows will be selected by CE staff, with partner input. Questions around eligibility and the application process can be directed to Parker Mullins, Program Director for CE (pmullins@b-e-f.org) or Jonathan Strunin, Curriculum Design and Training Manager for CE (jstrunin@b-e-f.org).

Proposed Engagement Timeline

| Activity | Dates/Timeline |
|-------------------------------|---------------------------------|
| CE Outreach and Recruitment | January-May 2021 |
| Application Window | February 1 - May 31, 2021 |
| Cohort Decisions Communicated | July 1, 2021 |
| Leadership Institute | August 9, 10, 16, & 17, 2021 |
| Action Plan Launch Event | Fall 2021 |
| Milestone 1 Implementation | September 1 - December 31, 2021 |
| Milestone 2 Implementation | January 1 - March 31, 2022 |
| Milestone 3 Implementation | April 1 - June 2022 |
| Final Presentation Event | June 2022 |

CE's Pedagogy Philosophy

CE's [Pedagogical Foundations document](#) highlights CE's approach to curriculum development in more depth. CE strives to embody the best practice and most equitable pedagogies to ensure that all students have access to future energy careers and leadership opportunities. CE engages with the following approaches:

- Three Dimensional Learning (as modeled by Next Generation Science Standards)
- Justice-Centered & Culturally-Sustaining
- Culturally-Sustaining
- Critical Skills Development
- Real World Context
- Locally-Relevant Phenomena and Problems
- Industry-Informed and Career-Connected learning