



**Spring Advisory Board Meeting Minutes (WebEx)  
May 13, 2022**

**Members Present**

Alice Massara, Tacoma Power  
Alan Hardcastle, WSU Energy Program  
Brian Young, WA Dept. of Commerce  
Dan Kay, Wahkiakum PUD  
Erik McCoy, Puget Sound Energy  
Jeremy Gall, Avista Utilities  
Joe Clark, Twin Transit  
ML Norton, Centralia City Light  
Nicole Schwall, Lewis County PUD  
PJ LeCompte Jr., Bonneville Power Admin.  
Steve Lorence, Energy NW  
Todd Curier, WSU Energy Program

**Ex Officio**

Court Stanley, Centralia College  
John Seidel, Centralia College  
Monica Brummer, CoE\_Clean Energy

**Guests**

Aman Gill  
David Fortney  
Gus Williams  
Laura Wurth  
Shailesh Shere, Grays Harbor PUD  
Steve Marshall, CATES  
Todd Chaput, Economic Alliance of Lewis County

**Members Absent**

Bob Guenther, Organized Labor Rep.  
Brian O'Dell, Chelan PUD  
Christina Reid, IBEW Local 77  
Jay Pickett, U.S. Army Corp of Engineers  
Jim Lowery  
Peter Guzman  
Rulon Crawford

**Minutes Recorder**

Emily Girt

**10:00 Introductions & Welcomes**

Guest Introductions: Aman Gill, David Fortney, Emily Girt, Gus Williams, Laura Wurth, Shailesh Shere, Steve Marshall, and Todd Chaput.

**10:15 Fall Meeting Minutes (Nov. 21)**

**Action: Approved**

**10:20 CoE Report – Monica Brummer**

**Intro**

Leadership is championing clean energy initiatives  
WA- created clean energy fund, striving to be top state in sales of EV's  
Hydrogen production (all 4 fusion companies in WA state met recently)  
Funds and initiatives are fueling emerging technology, AI, cybersecurity

**Vision/Mission**

Would like to carry forward the vision and mission, reflective of our work

**Goals & Strategies**

All goals focus on clean energy and be flexible to accommodate new technologies.

# GOALS

Build CoE awareness with stakeholders across the state to:

1	2	3	4	5
Be the go-to expert & resource for labor market information, trends, gaps, & programs	Assist CTC system & relevant education programs in developing a highly skilled workforce through robust & relevant educational programs	Increase opportunities & partnerships that support expanding & diversifying the workforce	Increase awareness of careers & career pathways	Position the Center to provide nimble support within industry
*All goals listed above focus on the Clean Energy/Technology sector.*				

Who we serve - Extend reach to kids in 8<sup>th</sup> grade

CUSTOMERS	STAKEHOLDERS	COLLABORATORS
Employers	SBCTC	Clean Energy/Tech industry
CTC energy programs	Host College: Centralia	Government, DoE, DoC, DoT, DoL
Apprentices	WA Legislation	Trade associations & coalitions
CTC students	All CoEs	Workforce development
High schools	CTC Energy/Tec programs	K-12 and STEM org's
Labor	College students, faculty, navigators & administration	Local/state Government
Career explorers		Economic development & vendors
Career remobility		Political/private individuals

**Customer Communities** including:

- |                    |             |            |                    |               |
|--------------------|-------------|------------|--------------------|---------------|
| K-7 students       | teachers    |            |                    |               |
| 8-12 students      | counselors  | faculty    | admin              | board members |
| higher ed students | faculty     | navigators | advisors           | admin         |
| parents            |             |            |                    |               |
| apprentices        | industry    | labor      | registering agency |               |
| job seekers        | WorkSource  |            |                    |               |
| career changers    |             |            |                    |               |
| current workforce  | employer HR |            |                    |               |



## STRATEGIES

### Goals provide pathways to strategies

Strategies include tactics that meet each goal

1	2	3
Strengthen Advocacy & Community Partnerships	Increase Awareness of Careers & Career Pathways with Students, Job Seekers & Workers	Monitor Funding/Grants to Increase Opportunities (to build curriculum/facilitate program development at CTCs across the state)

### **Strategy 1: Strengthen advocacy and community partnerships**

- Continue to build upon and develop a wider portfolio of clean energy/tech partners.
- Create broader partnerships & alliances with organizations and those we serve.
- Continue to build & develop partners with STEM and K-12 ED's to reach students specifically in grades 8-12 and their parents.

### **Strategy 2: Increase awareness of careers and career pathways**

- Assist industry in creating work-based opportunities.
- Build labor market demand awareness using Chmura JobsEQ.
- Expand the center's core resources for serving student and industry base.
- Report key sector career pathways to reflect the full range of credentials.

### **Strategy 3: Monitor funding/grants to increase opportunities**

- To build curriculum and facilitate program development to use within CTC's across the state
- Partner with other org's; apply for grants when possible.
- Identify a list of industry needs & potential funding for workforce development & prepare a crosswalk between them
- Assist CTC with program needs including program reviews, funding needs, sharing information, news and labor data.

### **Industry & Workforce**

- The center and the Economic Alliance of Lewis County sponsored an event yesterday that included a hydrogen announcement. Joe will report later on this topic.
- Incoming workforce is changing: employees need equality, flexibility, family sustaining wages, environmentally conscious workplaces, remote access where possible and life-work balance.

### **Discussion**

- David Fortney question: How are you all putting your arms around the expanding landscape of jobs and occupations in clean energy/technology?
  - Answer: JobsEQ created a clean energy grouping, where pipe fitters and other jobs are included, and we partner with the other centers to share information of overlapping reports. We are looking for gaps and will knit new technologies into existing programs to meet workforce needs. We need to slowly integrate new technologies into existing programs so that the workforce is ready when new technologies arrive. We need students to stay in state and not move to find jobs.
- Alan Hardcastle question: For goal 2, assist CTC system, is K-12 outreach included?
  - Answer: Yes, and can also be included in goal 4 (increase awareness of careers and career pathways) and work with our partners (FWEE) to reach those students and parents to bring awareness to these careers and get students and parents excited. Finding a way to do job shadows and introduce student to these jobs through Career Connect Washington.
- Todd Curier: Watching Avista and FWEE- should goal 2 expand beyond CTC system to include education programs to reach more younger students

## **\*\*Action Items:\*\***

### **1. Goals/Strategies:**

- Todd Curior: moved to approve goals & strategies with minor changes to add discussed topics to goal 2. (approved goals were updated to reflect changes).
- PJ LeCompte: seconded motion.

Discussion:

MI Norton: moved to add discussed topics to goal 4 instead of goal 2.

Alice Massara: suggested including K-12 to strategies.

Joe Clark: suggested we be broader than just K-12, should include veterans and other job seekers, such as people re-entering the workforce.

Monica: We are a part of the Build Back Better grant that includes an additional position in the Center to assist people going into the workforce (parents, students, returning students, students graduating, veterans).

Alan Hardcastle: suggested a small subcommittee to review changes to goals and strategies (volunteered to participate).

Monica: workplan is due by June 30<sup>th</sup>

**Motioned:** Joe Clark: moved to approve goals and strategies as is, with a subcommittee to amend the goals and strategies, specifically goal 2.

**Seconded:** Jeremy Gall: seconded motion. (approved goals were updated to reflect changes).

### **2. Name change: Maintain existing name.**

Proposed by SBCTC: Pacific Northwest is not often used, but gives us a pinpoint on the map, and do we need to add "& clean technology" to the end of our name?

Todd Curier: we should keep Pacific Northwest

Steve Lorence: agreed we should keep Pacific Northwest

Alan: Named Pacific Northwest because utilities, such as BPA and Avista, serve outside of Washington

**Motioned:** Todd Curier: moved to retain the existing name

**Seconded:** Steve Lorence: seconded motion.

### **Funding positions and work**

- We are involved with the following funding proposals:
  - Career Connect Washington, Good Jobs Challenge
  - Cleantech Alliance, Build Back Better
  - LNI, Apprenticeship Builds America
  - Lewis County Energy Innovation Coalition, congressional ask for H2 WD

### **11:20 Energy Shorts (10 minutes each)**

#### Joe Clark:

- Fortescue future industries (FFI)
- Enter into agreement for 300mw facility
- 2026 first production of the plant
- Construction \$400-600 million and planning to retain current Transalta workforce
- Continuing to work forward on three fueling stations for trucks etc. with electrolyzer in the Port of Chehalis, Exit 68 off I-5, and Chehalis airport.
- Hydrogen hub grant with FFI

Question: ML Norton; where is 300 megawatts coming from?

Answer: Todd Chaput; it will need to be green or zero carbon electricity, not sure where it will be coming from yet

Gus Williams:

- Recap: represents 11,000 members over several states and Canada
- CCW- really want to tackle K-20 and beyond, and repurpose the existing workforce
- Key component is to map out career pathways and “plus 1” to add components to existing pathways (ie automotive plus EV, plus hydrogen)
- Identify ways to support and expand programs, identify opportunities
- Connect with industry partners and implement gap analysis and align to fill gaps and work together
- Helion- fusion company is 2 years away from active fusion in the state

**11:30 Lightning Roundtable (everyone takes a turn at presenting updates)**

Steve Marshall:

- Working with Pacific Northwest Transportation Consortium
- There is a conference June 1st-3rd on international transportation and energy, combined with WA state (international transportation and development)
- Have been working on electrifying dredge movement in Port of Seattle; also working in Bellevue with transportation management (Amazon, Microsoft) to get employees in electric cars with driving assist, vans, and carpooling employees; and using the vehicles during the workday to get employees to appointments and anything they need.
- Also working with aircraft.
- Excited about the work we are doing and getting people excited for the changes coming.
- PACCAR is looking to do large scale clean energy for their trucks. The future of cars is going to be electric with less accidents with more self-driving cars.

Jeremy Gall:

- Student craftworker program: HS students are job shadowing and they are excited to get started, running their summer program this year. They have seen an increase in demand for an increase of outreach activities.

ML Norton:

- PNNL and MIT conducted a study to identify where a small modular reactor might be built (Transalta was on the list but not chosen due to lack of trained personnel).

Steve Lorence:

- Working with Terra Power- received a grant to build an advanced small modular reactor, they are looking at sites in Richland, Portland, and Utah.

Laura Wurth:

- Bellingham Technical College, they have a strong history of providing for the local community and have lots of trades programs.

Monica Brummer:

- Sharc has created a system that uses black water as a heat exchanger to heat clean water and saves 30% on average for electric bills. This also helps cool the black water before it leaves the building and enters streams.
- Save the date: **June 30<sup>th</sup>, 11am-2pm**, Clean energy/technology workforce summit Centralia, Seattle, Tri-Cities, Spokane, Zoom
- Save the date: **Aug. 25<sup>th</sup>**, Hydrogen Showcase

**12:15 Meeting Adjourned**