



**Pacific Northwest Center of Excellence for Clean Energy (PNCECE)
Advisory Board Meeting Minutes
May 29th 2015, 11am -1pm @ Bates Technical College, South Campus**

Clean Energy Advisory Board Attendees:

Pat McCarty, Chair; Tacoma Power
Troy McNutter, PSE
Jeremy Gall, Avista
Terry Knight, Avista
Shana Peschek, Construction COE
Travis Kinney, Lewis County PUD
Kairie Pierce, Washington State Labor Council
Alice Messra, Tacoma Power
Micah Goo, Centralia City Light
ML Norton, Centralia City Light
Pam Grindstaff, Pacific Mountain Workforce Development Council

Construction Advisory Board Attendees:

Mark Halvorson, WALECET
Jeremy Vermilgea, Schwabe, Williamson & Wyatt
Eric Peterson, Western Washington Sheet Metal JATC
Curtis Takahashi, Workforce Development Council Snohomish County
Laura Soma, GLY
Peter Guzman, City of Tacoma, LEAP
Joan Weiss, WA St. Labor Council
Brandon Koenes, Workforce Central
Jason Petrait, South Seattle Community College

Guest Speaker

Jason Cameron, Pacific Gas and Electric, California

Additional guests

Caryn Fosnaugh, Bates Technical College
Rob Comer, Camo 2 Commerce

PNCECE Staff: Barbara Hins-Turner, Sara Bowles

Call to Order 11am – Pat McCarty, Chair

Introductions

Presentation by Jason Cameron from California’s Pacific Gas and Electric

Presentation of how PG & E PowerPathways, Training Program works in California and their focus on military and diverse students.

In the context of “What would a utility worker training program look like at Joint Base Lewis McCord” and how a collaboration with education, industry and labor would work in Washington.

NOON -- Lunch Break

12:24 -- Further discussion about a collaboration of the west coast

Introduction of Camo 2 Commerce, Rob Comer:

C2C has been doing this work for the last year and a half through a grant funded program that targets military service members. C2C grant has committed 60 thousand dollars to support the PowerPathways program for the first cohort. This is a strong program and the answer to the issue of a higher salary for the service members. The C2C grant is good through the end of the year, with a possibility of continued funding.

Bates Technical College, Barbara Hins-Turner and Caryn Fosnaugh:

Bates Technical College is a great choice because they have a strong electrical program which just hired, through the WISE grant, a new electrical program faculty and their proximity to JBLM is prime. Bates has a unique pre-apprenticeship program that are a pathway to the apprenticeship training programs. Their 10 week multi-craft building trade apprenticeship is modeled after the Cypress Mandela training center in Oakland, CA. PowerPathways is also partnered with Cypress Mandela so they have an existing successful model in place.

THOUGHTS:

- How do we recruit?
- What will outreach look like?
- Discussed sector events to build momentum
-

Barbara Hins-Turner proposed and industry focused group discuss this collaboration further and in more detail. She will follow up and coordinate a meeting. Barbara Hins-Turner and Caryn Fosnaugh will follow up with PG&E PowerPathway's California College partners.

Volunteers for the focus group:

- Tacoma Power
- Centralia City Light
- Pac Mt. Workforce
- Avista
- PSE
- Lewis PUD
- Pacific Gas and Electric, CA

To be invited to participating:

- IBEW Local 77
- Seattle City Light
- Snohomish PUD

12:45 meeting adjourned:

Jason Cameron's Presentation:

PG&E link to Presidential recognition: <http://www.pgecurrents.com/2014/01/31/at-white-house-veteran-shares-his-story-of-struggle-from-unemployment-to-pge-career/>

Pacific Gas and Electric



PG&E supports roughly 1 in every 100 jobs from Bakersfield to Eureka—nearly 71,600 jobs.

We contribute an estimated \$22 billion or 2 percent of total economic activity in our service area.

PG&E

PowerPath

Our Mission
industry through



Our signature program....PowerPathway

Recognized by the National Commission on Energy Policy as a **best practice program**

by Clean Edge Clean Tech Job Trends as an **organization to watch**

and through our new partnership with the White House and Skills for America's Future initiative, PG&E's PowerPathway program is a **distinguished leader in workforce development.**



Page 5

PG&E PowerPathway

Pacific Gas and Electric

Pacific Gas and Electric Company, incorporated in California in 1905, is one of the largest combination natural gas and electric utilities in the United States.

- ✓ Headquartered in San Francisco. Service area stretches from Eureka in the north to Bakersfield in the south, and from the Pacific Ocean in the west to the Sierra Nevada in the east.
- ✓ 20,000 employees
- ✓ \$14,956 B (2011)
- ✓ 141,215 circuit miles of electric distribution lines and 18,616 circuit miles of interconnected transmission lines. 42,141 miles of natural gas distribution pipelines and 6,438 miles of transportation pipelines.
- ✓ 5.1 million electric customer accounts. 4.3 million natural gas customer accounts
- ✓ One of the largest providers of clean energy in the country

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Curriculum Jointly Developed



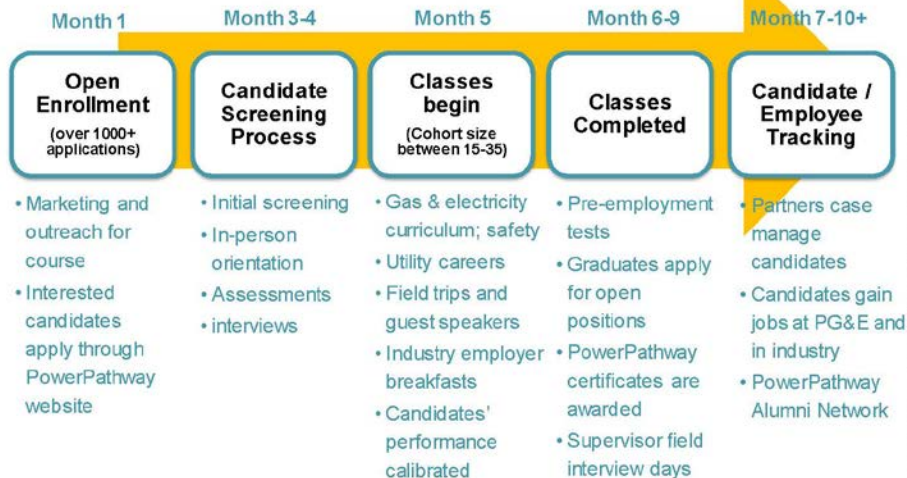
PowerPathway Program Sample Curriculum

Week	Topics covered	Week	Topics Covered
Week 1	<ul style="list-style-type: none"> Orientation /Introduction PG&E College registration/ Financial Aid Compliance and Ethics Veteran Affairs 	Week 6	<ul style="list-style-type: none"> Fire Extinguisher Emergency Response Plan Confined Space Awareness Worksite Protection
Week 2	<ul style="list-style-type: none"> Tool ID Line Truck Basic Electricity Reading & Math Tailboarding Materials ID Lineman 	Week 7	<ul style="list-style-type: none"> Reading & Math First Aid CPR Gas
Week 3	<ul style="list-style-type: none"> Hearing Protection Ropes & Knots CSP 	Week 8	<ul style="list-style-type: none"> Reading & Math PG&E Testing
Week 4	<ul style="list-style-type: none"> Reading & Math Excavation Awareness Environmental Awareness Industrial Ergonomics Substation Field Trip 	Week 9	<ul style="list-style-type: none"> Edison Field Trip Soft Skills Worksite Flagger Electrical & Gas Map Reading Hydro and Smart Grid
Week 5	<ul style="list-style-type: none"> Reading & Math Standard Interpretation Radio 	Week 10	<ul style="list-style-type: none"> Swing Week Graduation

Top 5 jobs:
utility worker, apprentice electrician, gas service rep, materials handler and nuclear security guard.

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PowerPathway Program Application Process



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Your future starts here in the training network

VIDEO: At White House, Veteran Shares His Story of Struggle from Unemployment to PG&E Career



WASHINGTON — The [compelling, personal story of a PG&E apprentice electrician](#) earned him a singular honor — introducing the president of the United States at a White House event today (Jan. 31) on [long-term unemployment](#).

<http://www.pgecurrents.com/2014/01/31/at-white-house-veteran-shares-his-story-of-struggle-from-unemployment-to-pge-career/>

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