Clean Energy Planning Engagement Series for Oregon Tribal Nations

December 2023 Meeting Notes
December 15, 2023, 9:00 – 11:00 am, Pacific Time

These notes were synthesized and summarized by E Source, Pacific Power's meeting facilitation partner.

Executive Summary

There were 17 individuals in attendance at the Clean Energy Planning Engagement Series for the Oregon Tribal Nations meeting on December 15, 2023. The meeting was hosted in a virtual setting with attendees joining virtually via the ZOOM platform.

The following is a summary of the content and feedback received during the 2-hour public meeting.

Session Objectives

- Gather feedback on how to add formality to this meeting space for 2024
- Review the past year's activities
- Gather feedback on how to design energy efficiency workshops for Tribal Nations
- Welcome the new Tribal Liaison Representative from Pacific Power
- Review transportation electrification opportunities for Tribal communities in 2024
- Review the meeting schedule and discussion topics for 2024

Attendee	Organization			
Presenters				
Christina Medina	Manager, Stakeholder Policy & Engagement, Pacific Power			
Tracy Moreland	Tribal Liaison Representative, Pacific Power			
Kate Hawley	Transportation Electrification Senior Program Manager, Pacific Power			
Kari Greer	Senior Community Relations Manager, Pacific Power			
Morgan Westberry	Facilitator, E Source			
Pacific Power Affiliated	d Attendees			
Christina Medina	Manager, Stakeholder Policy & Engagement, Pacific Power			
Tracy Moreland	Tribal Liaison Representative, Pacific Power			
Kate Hawley	Transportation Electrification Senior Program Manager, Pacific Power			
Kari Greer	Senior Community Relations Manager, Pacific Power			
Kimberly Alejandro	Equity Advisory Analyst, Pacific Power			
Morgan Westberry	E Source, Facilitation Team			
Jeffrey Daigle	E Source, Facilitation Team			
Tag Galvin-Darnieder	E Source, Facilitation Team			
Liza Minor	E Source, Facilitation Team			

Business Development & Tax Project Manager, Department of Economic and Community Development (DECD), Confederated Tribes of the Umatilla Indian		
Reservation (CTUIR)		
Clean Energy Innovator Fellow, Energy Liaison, Affiliated Tribes of Northwest Indians, Department of Energy		
Client Services Assistant, Nixyaawii Community Financial Credit Services		

Welcome and Agenda

Morgan Westberry, from the E Source facilitation team, opened the meeting by welcoming everyone and letting the group know that people are welcome to come and go throughout the session. The information presented in the meeting will be posted online for folks to find and share with others afterwards.

Christina Medina introduced herself as the lead Manager of Stakeholder Policy & Engagement at Pacific Power. She explained that she works with subject matter experts (SMEs) to create spaces for education opportunities and input from folks in communities and tribal nations. They integrate this input into clean energy planning.

Christina explained how the group is still relatively new and this is its sixth meeting. She said that she is thinking about how to design the meeting space for 2024. The topics they have covered in the group so far came from audience interest, so feedback will continue to influence the agendas. In 2024, Christina wants the group to think about how it might add some formality to the space. This could include finding consistent attendees to come to meetings and compensating them for their time.

Morgan Westberry reviewed the agenda for the meeting with the group and then welcomed today's presenters.

Agenda:

- Check In & Closing the Loop
- New Tribal Liaison Representative
- Transportation Electrification: Needs Assessment & Coalition Building
- Energy Efficiency Roadshow
- Next Steps

Presenters:

Christina Medina – Manager, Stakeholder Policy & Engagement, Pacific Power

- Tracy Moreland Tribal Liaison Representative, Pacific Power
- Kate Hawley Transportation Electrification Senior Program Manager, Pacific Power
- Kari Greer Senior Community Relations Manager, Pacific Power

Closing the Loop from Past Meetings

Morgan Westberry recapped the group's last meeting from September of this year. She acknowledged that there has been a lot of communication going on since then in presentations and outside of this space. In the September meeting, the group was lucky enough to have their Oregon Department of Energy partners on the call to provide information on a variety of different state, federal, and other opportunities that are available to tribes and others.

Morgan said they are happy to share those resources with the group and for anyone unable to join. She said they are also happy to reengage with those partners in the coming year and keep that relationship alive and support their partners.

In the September meeting the group also introduced small scale renewable procurement. They will talk about this more in 2024 and engagement opportunities that might be of interest to this group and Pacific Power customers. The group also touched on Community Based Renewable Energy (CBRE) survey results and went over the survey results that this group participated in in in July. There will be more coming on this in 2024, too.

Morgan reminded the group they are welcome to follow up with the facilitators if anyone missed anything or would like to. Attendees can contact Morgan, Christina Medina, or anyone on the team. They are happy to share any resources and keep the conversation alive.

Chat Questions and Meeting Comments:

• Christina Medina: Welcome everyone!

Check In Question

Morgan Westberry presented an ice breaker question to check-in with the group: What are you most proud of in 2023 (personal or professional)?

Christina Medina said that for this year, she is proud of a collective impact with the team, making sure no one is left behind. She is also proud that a lot of the conversations that the group is having are around finding ways to grow and embrace change and show other people that change can be welcome for them, too.

Monica Paradise, Business Development & Tax Project Manager at the Confederated Tribes of the Umatilla Indian Reservation (CTUIR), introduced herself to the group. She said that she is proud and thankful that her supervisors and leadership have let her attend different conferences and webinars this year. In these spaces she has been able to share tribal challenges, successes, and advocate what tribes are doing and working towards.

Eli Duncan-Gilmour, Energy Liaison to the Affiliated Tribes of Northwest Indians (ATNI), said that he is brand new to his role and is going to sit back and learn as much as he can. He shared that he is most

proud of getting to work for ATNI to try to advance energy sovereignty and green energy solutions. He said he is very thankful to be in this meeting.

Dani Wilgus, Client Services Assistant at Nixyaawii Community Financial Credit Services, introduced herself and said she is also new to her role. She said she is proud to be in the meeting and excited to learn more and see the impact ontheir clients.

Chat Questions and Meeting Comments:

- Tag G-D: What are you most proud of in 2023 (personal or professional)?
- Morgan Westberry: Welcome Eli and Dan!
- Eli Duncan-Gilmour: Thank you for the warm welcome!

Welcoming Pacific Power's new Tribal Liaison Representative

Christina Medina shared that it is great that so many people in the group are stepping into these spaces in 2024. They have seen some incredible work happening by the organizations that everyone represents. Some of that included integrated economic development, energy efficiency road shows, and the clean energy conferences in Washington. There has been a lot of work happening the greater good.

Christina said that they are thrilled that everyone is here today. And they are excited to see what will be on the horizon for everyone as they move forward. She hopes they can be of service to the group members in their new roles. With that, Christina wanted to highlight the new Tribal Liaison, Tracy Moreland. Tracy works out of their government affairs department, which Christina says is the right place for a tribal liaison because the work is rooted in government.

Tracy Moreland introduced herself as the new Tribal Liaison for Pacific Power representing all six states. She said she is working mostly on the Pacific Power side right now and started about six weeks ago. She said she is new to the role, but it is her dream job. She previously worked in the public sector for Clackamas County Commission Office, and before that in public relations at Clackamas County.

In 2021, Governor Brown appointed a commission chair for Clackamas County to serve on the Willamette Falls Locks Commission. The chair asked Tracy about the history of the falls and the Oregon tribes' connection to the falls, the river, and the region. That is when Tracy began her journey of being a tribal liaison for the Commissioner's office and working on some policy issues for them.

But rather than that be just 20% of the job she was doing at the county, Tracy decided she wanted a position dedicated to helping people understand those issues and liaising conversations. She's worked with most of the tribes in Oregon since then on their history, economic development projects, and self-determination. She encouraged the group to contact her with questions or conversations and hopes to meet everyone.

Tracy also wanted to share that this year she is proud of her daughter who is a senior in high school and applying to colleges. Tracy is proud that her daughter is going to graduate high school.

Chat Questions and Meeting Comments:

Tracy Moreland: Thank you!

Energy Efficiency Roadshow

Morgan Westberry then turned it over to Kari Greer to talk about the energy efficiency roadshows. Kari introduced herself as the Community Relations Manager at Pacific Power primarily working with Energy Trust of Oregon. She does a lot of promotional support and makes sure that customers in Oregon are aware of who Energy Trust is, the services that they offer, and how customers can participate in all those programs. Kari said that she is in this meeting to talk about what they used to call energy efficiency road shows. They do not have a new name for them yet, but they are working on transitioning to something new.

Most of the outreach they do is through traditional advertising – TV, radio, print, digital. Through the roadshows, they go out to the community and host an event like a lunch or a dinner. They invite customers to have a meal with them and hear about some energy efficiency program updates at no cost to the customer. The events are about two hours long, and they have been doing them in the same way for a little over ten years.

They used to do a residential event one year and then a commercial event the following year. Sometimes the events were big with up to a few hundred people. Others were in small towns and had a more intimate format of 15 or 20 people. Kari said that the events always follow the same format, which makes the event more efficient, and they can put out as many as they can. But along the way, they have found that while the format works for some communities, it does not necessarily work well for others.

Kari said that they have started creating customized events for certain groups like Main Street communities in Oregon. They have different needs than regular business customers that are usually invited. They used to send mass invitations to all business customers, which did not let them craft the message down to something more specific or tailored. They have also done customized events for irrigation customers, who are also different than routine business customers.

They have found that there has been a lot more engagement when they are speaking very specifically to these groups because they have unique needs. Kari says it is a highly valuable format. She said that they have gotten feedback from this group and other groups about hosting meetings on energy efficiency or energy issues specifically for Tribal communities in the state. They have also heard that the current format does not work for these groups.

Kari would like to get feedback from this group on how to design these and how to deliver the message of energy efficiency in homes and businesses. They want to share all the services and incentives available for people to do that. But they want to build it in a way that is meaningful to these groups. She wants to understand how best to get Tribal groups to an event and how to deliver this message to them. The group could potentially co-create content and co-create events together, and Kari has funding and staff available to do this work. The event can be a meal on—site but does not have to be branded as Pacific Power — they have had good feedback when the events are not branded. The irrigators pulled together their own event that was branded as a community event.

Feedback

Monica Paradise shared that the Confederated Tribes have worked with Energy Trust of Oregon to create a fact sheet. One thing she feels like their community needs more information about is solar energy. It is not clear where community members can go to learn about solar for their own homes, because a lot of the programs are focused on larger solar projects. She would like to put together something about

weatherization and grant resources and how to access funding. Monica said that Energy Trust also created an informal Tribal working group to help give feedback. It can be a challenge because there are nine different Tribal groups involved in the state.

Kari said they are willing and able to help with something like that. She mentioned that even though there are nine tribes in Oregon, there are similarities in the energy efficiency programs that are offered across the state. But other programs like weatherization are very place-based and need specific messaging for each area. But they are happy to help in any way they can to help streamline access to programs for these groups.

Monica said that a lot of community members do not even know basic information about energy. Even an energy 101 event in the community would be helpful. Any information would help empower people to understand energy in general, start to build their knowledge, and figure out where to go for resources. Based on outreach they have done; they have learned that community members do not know a lot about solar or that weatherization is an important starting point for energy-efficiency first. If they use less energy, they can put a smaller system of solar on their roof. But solar is the thing you can see, and energy-efficiency is less fun. But it does help save money right away.

Christina Medina also said that in previous conversations she is recommended to be mindful that events could support multigenerational attendance. There might be people at the event that are in school or planning to go to school – if the event has teachable moments, then it might spark students to want to learn about that in school or talk to their family about it.

Kari thanked Monica for her great feedback. The whole intent is to build a better relationship through the energy efficiency mechanism. Kari explained that energy efficiency is a bread-and-butter program that is easy to get into and low cost. They want to help figure out how to build a bridge between the Tribes and Pacific Power. They have heard from CTUIR and Warm Springs about being interested in doing events in their area in 2024. They are happy to do more customized events for other communities next year.

Kari said that they plan to have a rough draft of the events calendar ready in the first week of January, but it will not be set in stone. They can add or shift along the way for other events, but it does take a minimum of 8 weeks or up to 12 weeks to put an event together. The events are available all year, but they do try to avoid winter travel. Fall tends to be a good time for events because summer is over and school has started, but there are a lot of other conferences going on at that time too. Kari said she will come back to these sessions next year to provide updates and remind people they can do events.

Chat Questions and Meeting Comments:

- Christina M: "@Monica Paradise CTUIR that is fantastic council. Thank you!"
- Monica: "Always happy to share! ©"

Transportation Electrification: Needs Assessment & Coalition Building

Morgan Westberry introduced the next section on transportation electrification with Kate Hawley. Kate introduced herself as the Transportation Electrification Senior Product Manager with Pacific Power. Kate said that she oversees all three state service areas in all things transportation electrification (TE). She said she wants to talk about EV 101 to get everyone on the same page about what it really means to

have electric transportation. She said she also wants to talk about what they are planning and hopes to achieve early next year in discussions with tribal communities.

Kate started by asking everyone in the room if they have an electric vehicle or an electric bike or electric truck? Eli said he has an e-bike, Dani Wilgus said she has had an electric car for two years, and Kate said she has been an electric car owner for three years. Kate said that transportation electrification includes a lot of different things. Sometimes everyone gets stuck thinking about light duty vehicles, but there is a lot more out there when it comes to electric transport. There are also electric buses, transit buses, electric disposal trucks, e-bikes, e-scooters, etc.

Chat Questions and Meeting Comments:

- Eli Duncan-Gilmour: "E bike here!"
- Dani Wilgus, NCFS: "Electric car for 2 years now"

They are also starting to see a lot of advancements in electric options in agriculture, including electric tractors and even electric ATVs for irrigation management. Kate said they just funded a program in Central Oregon with the city of Bend to utilize an electric lawn mower to support their parks and recreations activities. There's also electric long-haul trucking in the market now, but the challenge is charging them along their journeys. They are also expensive upfront. There is a lot of funding going into supporting that work going forward. There's also electric aviation now and a couple companies looking to use electric jets between regional airports in the state.

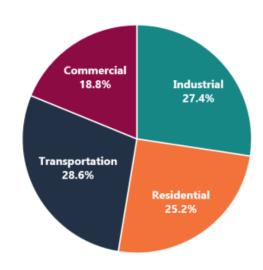
Kate wanted to share all of this to set the stage with what TE is and then talk about why specific groups are interested in it and what they are doing. Kate showed a graph that shows transportation as the largest greenhouse gas (GHG) producer and energy consumer in the mix of industrial sector resources. It used to be commercial buildings, but transportation has overtaken it. There is a real need now to focus on reducing transportation emissions to meet climate goals. Kate said they have been working with school districts to electrify school buses. Traditional diesel electric buses produce many indoor air quality issues when kids are sitting in the bus. So, electrifying buses also improve health impacts and standards for our children.

Energy Use in Oregon

Consumption by Sector

Energy consumption is also tracked by how it is used among four main end-use sectors: Residential, Commercial, Transportation, and Industrial.

In Oregon in 2020, those four sectors combined consumed 983 trillion Btu of energy, ²³ including each sector's respective share of electrical system losses, i as discussed earlier in *Understanding Oregon's Energy Story*.



Electric Vehicle Charging

All these types of electric vehicles must plug in somewhere, and there are a lot of different types of plugs out there. Kate showed an infographic explaining all the different types of charging and port options. She said there is three types of charging. The first is level 1 charging, which is a standard 120-volt outlet. They call this a 'trickle charge' and it is good for light duty vehicles. But it is slow, and if your car were at 0% charge, it would take two to three days to recharge it fully. It is not efficient, but it is an easy way to charge a vehicle – you do not have to have a 240-volt outlet or hard-wired charger.

Level 2 chargers are a much quicker charger that can charge overnight. You see them a lot in workplace settings, multifamily areas, and a lot of residential homes. Kate said she just installed a level 2 charger finally and can now charge her car overnight in five to eight hours. Direct-current fast chargers (DCFCs) are the ones you see in corridors that let you charge along the way. There are three different types of plugs available for fast chargers, but the industry is trying to move toward a standard.

At first there was the CHAdeMO standard out of Japan that most cars had. But they were not in North America. North America adopted the CCS (Carbon Capture and Storage) standard, which is what people see at most non-proprietary stations. There are other proprietary stations that are just for Tesla, which is now called the North American charging standard. Tesla is starting to move toward opening their systems to all charging infrastructure. In the future large charging facilities will probably have both the CCS and the Tesla or North American standard, and CHAdeMO will get phased out. Most electric cars now will have the ability to do level 2 charging and DCFC charging. Most will be CCS enabled or Tesla enabled, or North American standard enabled, and the CHAdeMO will not be put into cars moving forward.

Slow — Fastest						
	Home Work Public		Public Charging			
	Level 1 (120V) (<2 kW) 3-5 miles / hr	Level 2 (240V) (3.3-20kW) 20-40 miles/ hr	DC Fast Charging (480V) 50kW-350kW (more for heavy duty) 80% charge in 30 mins-40 mins			
Plug Shape (Into Vehicle)	0000	000	CCS CHAdeMO Tesla			
Outlet Shape			Electric Vehicle Supply Equipment (EVSE)			

Transportation Electrification Phase 1: Needs Assessment

Kate said they realized they needed to take a step back with TE and ensure they were achieving the needs and objectives of tribal communities. Next year they will be working with regional business managers to set up meetings with tribal members in their service areas to hear about their needs for TE. Kate said Tracy will be joining these conversations and they hope to have them in person. The meetings

will be a little bit like a road show, but they are also open to doing them virtually. Kate hopes that the group will see information from them soon from regional business managers trying to connect and make these meetings happen with some guided questions. They will take that information and begin to devise a future program specific to tribal communities that will be funded out of the transportation electrification portfolio.

Kate said they hope to host one on one conversations over the next few months starting in January. Then they will also hopefully start some site visits to see where people are considering installing electric vehicle infrastructure. Kate said she went to a site visit in Warm Springs where they are looking to install electric vehicles charging facilities. The Warm Springs Tribe just got awarded a grant to purchase two Ford F-150 Lightnings and the infrastructure installation.

From there, they hope to develop a set of working sessions to co-create an effective program that would help enable that work with tribal communities. They have set aside specific funding to support this. They are open to ideas that folks have for what those projects look like. The federal government also has a lot of money available for corridor and community charging specifically for Tribes. Kate said they could help communities put together applications to fund big demonstration projects using the federal grants. Funding comes out in Q1, they could apply by Q3, and then grants would be available in 2025. Morgan thanked Kate and handed it over to Christina Medina to talk about the next steps.

Next Steps

Christina Medina shared the results of a survey they sent to participants from this group over the past year. The group said they were most interested in focusing on topics like community-based renewable energy, transportation electrification plans and programs, and energy programs. Group members could also mention other topics they were interested in. Some of these included:

- Tax Credits
- IRA Tribal Tax Payments
- Partnership Opportunities for grant and project management

Christina mentioned that there is a lot of funding out there, and they want to find a way to maximize those dollars by also providing some contributions or support from PAC. Christina asked the group if matching dollars should be an option so that there is more opportunity to access those dollars. She noted that Community Financial Services has been an example of a great partnership that came out of the group's feedback, and they want to foster more like that. The group also mentioned that transparency is important to them in how projects are sited, what resources are available, and how Tribal groups can influence where things are cited.

2023 Clean Energy Tribal Nations Engagement Series Topics and Meetings

Christina then reviewed with the group how they started planning for the next year. In 2023, she said that they had a robust year with meetings every other month. The group initially started with three-hour sessions, but they moved it down to two hours after hearing feedback from the group. She said they want to wrap this meeting up early because it is December, and it has been busy.

In August, the group focused on what community-based renewable energy pilots might look like and receiving feedback in that space. Tribal One has been engaged in this and is partnering with Pacific

Power to start participating in a pilot. Christina said she invited some folks from Tribal One to connect with the group to share the case study. The regional business manager Sam Carter will help organize that.

In September, the group reviewed what is going on with the Oregon Department of Energy. They had a lot to share with the group, which is all available on the website. They would welcome an encore presentation from DOE (Department of Energy) for the group if anyone missed it or wants to hear more about what they are doing.

The group also got updates on the pilot for community based renewable energy and introduced small-scale renewable resource procurement as a topic. They are still trying to understand and get everyone on the same page about what small-scale renewable energy is. Pacific Power is looking at developing workshops in early 2024 as a 101/102 series where they break down the concept so that folks can start to understand if they might be interested in being participants in these spaces. Small-scale renewable energy starts at three megawatts, so it is large. It is just small relative to a to a utility.

And then in December, the group had the opportunity to meet with Tracy, explore transportation electrification, and talk about opportunities to co-develop energy efficiency workshops. She expects those conversations to continue and recognizes that not all the conversations happen in this space. The group often starts to connect offline, but it is a nice opportunity to offer higher education to help folks decide if they want to know more.

In January, Christina said she hopes the group will start to talk about something called community benefits and impacts. What are the things that Pacific Power can do, have influence on, and measure for a greater positive impact in community? They are starting to measure some things now, but they want to find out if there is an opportunity to start developing metrics and measurements specific to the needs expressed by members of tribal nations.

Christina reiterated that she wants to revisit whether they could formalize this group more like what Monica says they do with Energy Trust of Oregon – having consistent meetings and compensating folks for their time. What they usually do is compensate folks at the organizational level so that it stays consistent if there is turnover in positions. That way they do not have to worry about losing a placeholder within the engagement space.

Christina also wants to continue to share the input and background on what is happening in transportation electrification. She will get an update from Kate on how conversations are going. They have already gotten some early input about how to help tribes be part of TE and not be left behind in those processes. This will look very different for every community. Some communities have fueling stations where they could install electrification. Others are interested in starting with school buses in the community to get into TE in a way that offers a greater community impact. Christina said they will also continue to offer updates on small-scale renewable procurement workshops next month. It is a bit larger than a typical kind of community solar project might look like.

Christina is hoping they will have an opportunity to talk about the affordable housing project that Bruce Zimmerman and others were working on. They were using some net metering and Blue-Sky dollars that helped to offset the cost for energy use at affordable housing sites. That could be a good case study to

elevate in this space for other people to learn from.

AUG	SEPT	DEC	JAN 2024
Guest Presenter Cluster Group: Intro to Community Based Renewable Energy Pilot + Engagement topics and updates	Oregon Department of Energy Elevated Engagement: Topics Community Based Renewable Energy Pilot Update Small Scale Renewable Resource Procurement	Tracy Moreland, PacifiCorp Tribal Liaison Rep. Transportation Electrification Tribal Engagement Framework discussion Energy Efficiency Workshops on-site partnerships 2024 Planning	Community Benefits + Impacts Metrics Workshop Transportation Electrification: Needs Assessment Planning and Outreach Updates Small Scale Renewable Procurement Workshop Updates

Check-out question

Christina Media said anyone is welcome to use the chat to indicate if something surfaced in today's meeting that they want to note or be aware of as a key topic, item for the future, or get more follow up on. She wished everyone a happy holiday and happy new year. She also reminded everyone that in 2024 they will start sending out post meeting surveys to give input on how they can do better when it is top of mind.

Chat Questions and Meeting Comments:

 Monica Paradise – "Thank you all for this series. For many Tribal employees we fall into this energy space due to capacity challenges, and so having in-depth conversations helps us to also be able to help our communities. #EMPOWERING"

Upcoming Meetings

Oregon Tribal Nations Engagement Series

- January 26, 2024 https://esource.zoom.us/j/87293674888?pwd=Xj1mjI0bAJXbJIK4jSwglzBYLCLDEd.1
- March 22, 2024
 https://esource.zoom.us/j/83346087279?pwd=3f2PJxssLpPn3LStJqWkkPasoa9Csu.1

Pacific Power Stakeholder Engagement

- CBIAG January 19, 2024 https://esource.zoom.us/j/84885077528?pwd=DZqwyNmwcQBaIX9RZv5JVk4D36SUM0.1
- CBIAG February 15, 2024
 https://esource.zoom.us/j/82535647647?pwd=FJ3BJLvXb04CbbHKXC4Kz2yLNLWhlm.1

Resources

Christina Medina shared a slide of resource links that will be uploaded to the website in the next few days for folks to access and share them. Christina confirmed they will be connecting with Energy Trust of

Oregon on many of these key topics. They are also trying to ensure that people are not overly taxed when receiving information.

- Email comments to: <u>TribalRelations@PacifiCorp.com</u>
- For more information: Oregon Clean Energy Plan Updated Engagement Strategy
- Clean Energy Plan Engagement Series for Oregon Tribal Nations 2023 Meeting: <u>Join Zoom</u>
 <u>Meeting</u>