

Communities through Transition Panel

Community leaders from traditionally energy-burdened communities are at the forefront of climate change and environmental justice. In this conversation, a diverse group of voices will discuss the energy needs and priorities of underserved and vulnerable populations, including capacity and data.

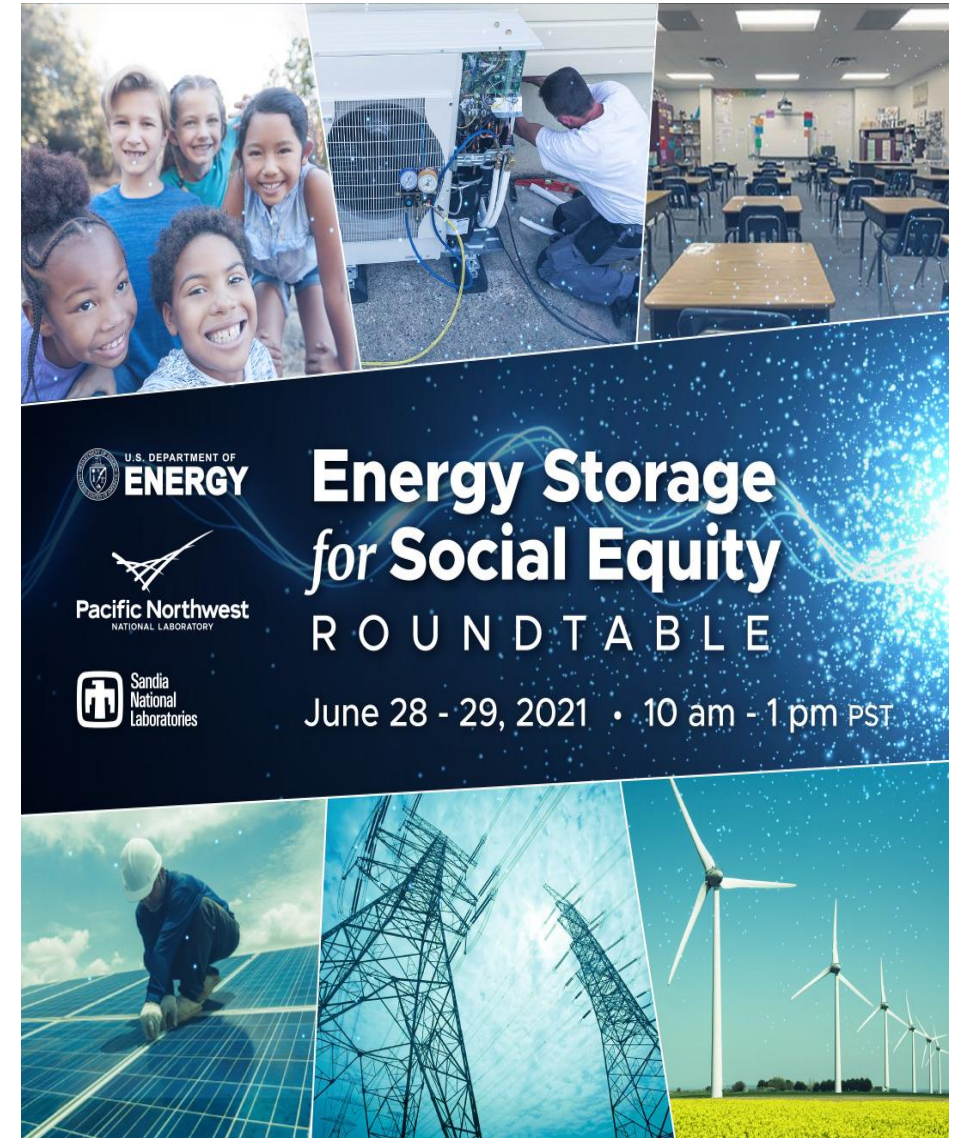
Discussion outcomes:

- Community needs and benefits from technologies
- Benefits from grid investments and futures
- Needs from federal research

Moderator: Stan Atcitty, Sandia

Participants:

- Sergio Lopez, Verde NW
- Reverend Michael Malcom, Alabama Interfaith Power and Light
- Kevin Blaser, Midwest Tribal Energy Resources Association
- Derrick Terry, NTUA



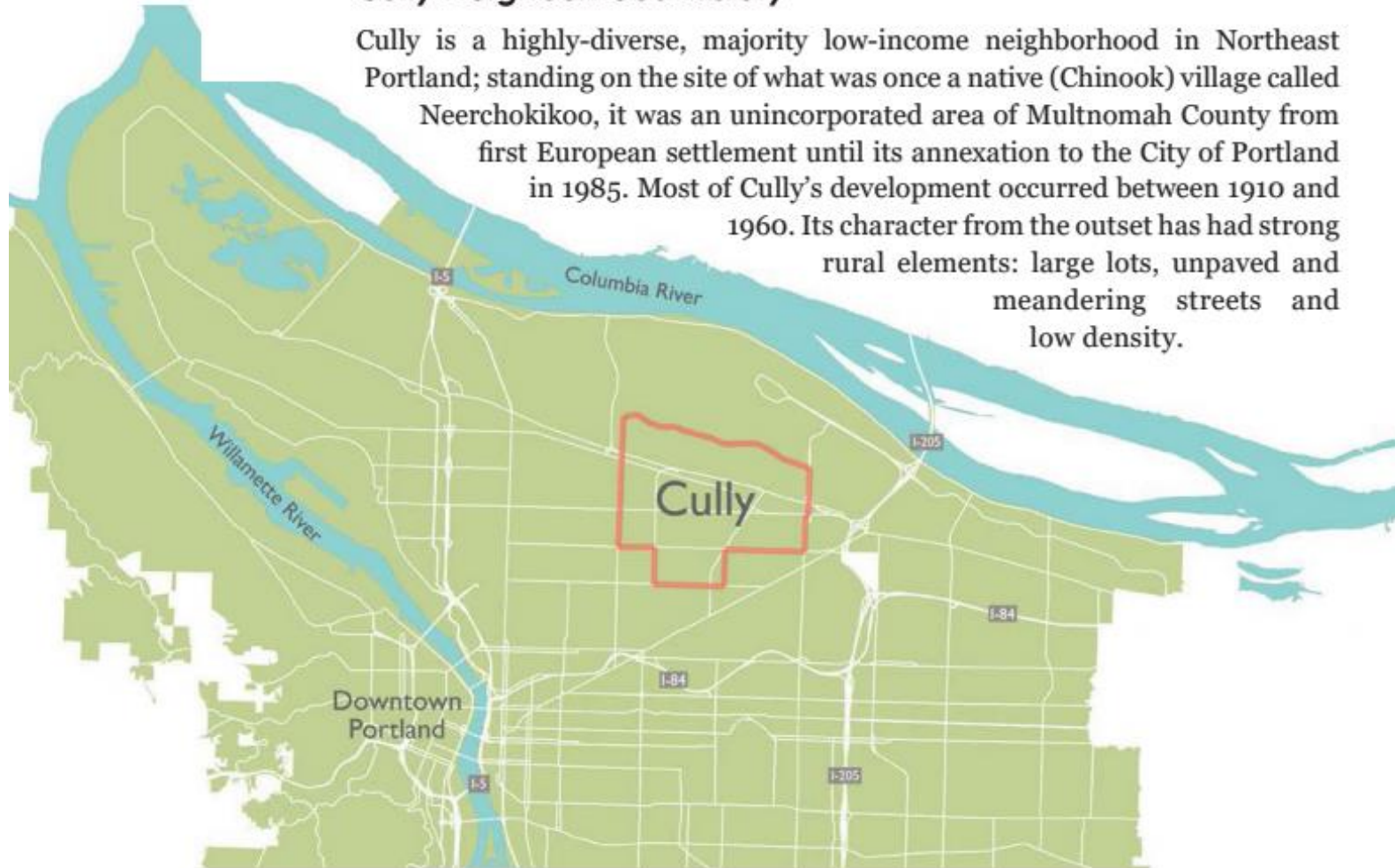


Sergio Lopez
Energy, Climate and Transportation Coordinator

CULLY: A Neighborhood Profile

Cully Neighborhood History

Cully is a highly-diverse, majority low-income neighborhood in Northeast Portland; standing on the site of what was once a native (Chinook) village called Neerchokikoo, it was an unincorporated area of Multnomah County from first European settlement until its annexation to the City of Portland in 1985. Most of Cully's development occurred between 1910 and 1960. Its character from the outset has had strong rural elements: large lots, unpaved and meandering streets and low density.



Moving Forward for Equitable Change

- Productive House Bills
 - Energy Affordability Act (HB 2475)
- Air Quality Advocacy
 - Regulation on local polluters
 - Transportation
- TIF District
 - Re-Formatting allocation funds
- Grant Programs
 - Capacity building for TE and Solar



ALABAMA INTERFAITH POWER & LIGHT

a faith-based response to climate change



THE PEOPLE'S

JUSTICE COUNCIL

“Our country is one of the richest in the world and has to do more than everyone else to fix this problem. But let’s be clear. This is a problem caused by the rich, and the corporations they control. The US has to do its fair share and that responsibility has to be shouldered by the rich, not forced onto the working class and historically marginalized people.”

- Executive Director Rev. Michael Malcom, MBA, M.Div., speaking on US Climate Fair Share

➤ **Interfaith in Practice:**

- Interfaith Statement on Energy and Equity
- Energizing the South for Energy Justice/WERiSE

➤ **Energy and Environmental Justice Mapping:**

- National, Regional, and State/Local Energy Burdens
- “What’s In My Backyard?” (Hazardous Waste, Pollutants)
- Houses of Faith on All Maps!

➤ **Speaking Truth to Power:**

- Long-term Policy Changes Needed



Image Credit: Grist



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MTERA

MIDWEST TRIBAL ENERGY RESOURCES ASSOCIATION

MTERA Overview

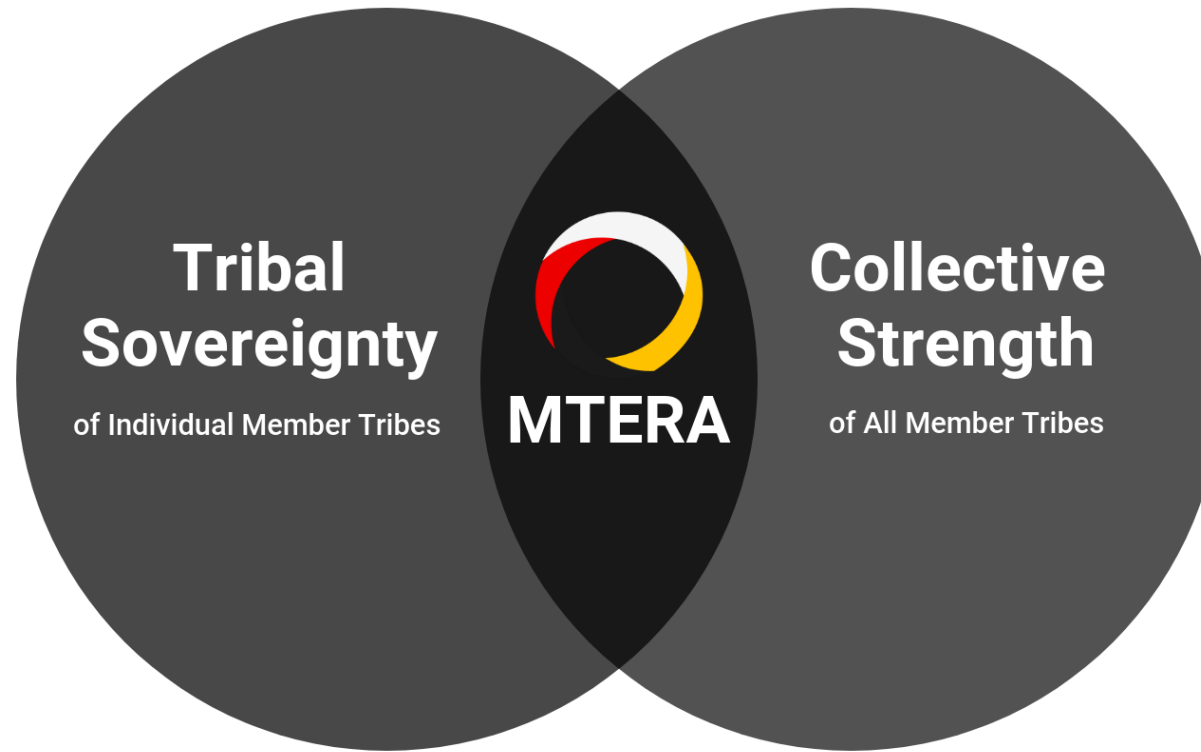
Energy Storage for Social Equity Roundtable

June 28, 2021

Kevin Blaser,
Vice Chairman, MTERA

MTERA's Mission

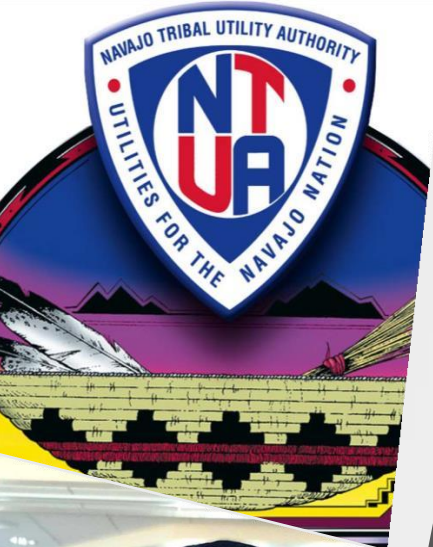
To empower Tribes to manage their energy resources through collective action



Stored Energy as Economic Equalizer

- Better understanding of the economics. FERC Orders 841 and 2222 implementations by RTO/ISO
 - Neither generation nor load – catch and release electrons
- Private partnership solutions, i.e. community or neighborhood charity + developer
- Revenue sharing model/securitization of costs
- State regulatory framework is patchwork
 - FERC could mandate standardized process for states to implement
 - Underserved communities need to be part of the primary rulemaking process
- Better tax incentives. Create tradeable credits
- Make grant applications easier, create funding zones





Derrick Terry, NTUA Renewable Energy Specialist

- My name is Derrick Terry, Renewable Energy Specialist for Navajo Tribal Utility Authority (NTUA).
- I assist in managing the Off-grid solar program for NTUA as well as the On-grid Distributed Generation Program.
- We currently maintain, monitor and operate 502 off grid systems with the assistance of 30 qualified personnel located throughout the NTUA service area. The on-grid program evaluates the grid connected systems to ensure the safety of our NTUA personnel as well as our customers. Our goal with the program is to provide reliable and safe photovoltaic systems to our customers of the Navajo Nation.
- I have over 14 years of experience of working on and around photovoltaic systems. For the most part my efforts have largely been dedicated to optimizing off grid photovoltaic systems for people that don't have grid power. My background is rooted in sustainable building and sustainable development here on the Navajo Nation for the past 20 years.

Renewable Energy Program

- Promote the use of Renewable Energy
- Be an example for other Native Communities
- Increase energy efficiency in our daily lives
- Stress the importance of energy efficiency



Off-Grid Residential Power and Refrigeration Program



- Solution for families that live far from the NTUA electrical system
- NTUA has the ability to install these systems virtually anywhere on the Navajo Nation
- NTUA currently has 502 installed photovoltaic systems
- Larger PV systems come with refrigerators to a solution to minimize traveling distances to the grocery stores. Have the capacity to power personnel electronic devices, small kitchen appliances and lights in the home.
- 3 days of autonomy to cover long days of no sun events
- Customers have power when traditional grid power experiences an outage.
- Customers are completely energy dependent
- Keeping our environment clean and natural

Thank you!

Contact information

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