

United Power and Transitional Energy sign Letter of Intent to Develop Geothermal Resources

Groundbreaking Pilot to Leverage Energy from Oil and Gas Wells to Generate Dispatchable Power

BRIGHTON & DENVER, COLORADO, USA, February 16, 2022

/EINPresswire.com/ -- [Transitional Energy](#), a geothermal development company, joined Brighton-based [United Power](#) to announce that they have signed a Letter of Intent to develop a dispatchable energy pilot program. The program will focus on geothermal resources from oil and gas operations located in the electric cooperative's service territory.

United Power provides electric service to multiple oil and gas operations in Colorado's DJ Oil Basin. Transitional Energy's program will use geothermal energy to generate dispatchable baseload electric power. The program may be used with both operational and abandoned wells to capture and convert what would otherwise be waste geothermal energy to electricity.

Many oil and gas operators use traditional electric service to power drilling rigs and other well pad equipment. Through this partnership, United Power and Transitional Energy will be able to provide a unique solution that can convert oil and gas operations using traditional electric service to facilities powered by up to 100% geothermal resources. Owner-operators of wells in the United Power service territory would work directly with Transitional Energy to utilize the technology to offset their energy purchases while reducing their greenhouse gas footprint.

Transitional Energy was founded in Colorado and is partially funded by a grant from the



Colorado Office of Economic Development and International Trade. Taking advantage of the team's oil and gas expertise as well as emerging advancements in Organic Rankine Cycle technology for heat recovery, Transitional Energy will tap into the geothermal potential of thousands of wellbores within the DJ Basin. Reuse of existing wells and infrastructure is a capital-efficient way to use the heat beneath our feet. This pilot program compliments the many innovative energy investments United Power has made in renewable energy projects in its territory.

"United Power is excited to work on this innovative pilot project," stated Dean Hubuck, United Power's Chief Energy Resources Officer. "Utilizing clean, economical geothermal energy to provide local power that can be dispatched when needed is a critical component of our growing energy portfolio. Geothermal energy represents a huge untapped renewable resource that can reduce our reliance on power from other traditional sources."

About Transitional Energy

Transitional Energy is a geothermal development company based in Denver. The company is majority women owned and Native led. With deep expertise in subsurface engineering, facilities engineering and geology, Transitional Energy is passionate about a clean energy future and utilizing existing oil and gas wells and infrastructure to generate geothermal energy. Learn more at www.transitionalenergy.us.

About the United Power

United Power is a member-owned, not-for-profit electric cooperative, delivering electricity to homes, farms and businesses throughout Colorado's northern front range. The cooperative is one of the fastest-growing electric cooperatives in the nation, and in June 2021 joined the elite ranks of cooperatives serving more than 100,000 meters. The 900-square mile service territory extends from the mountains of Coal Creek and Golden Gate Canyon, along the I-25 corridor and Carbon Valley region, to the farmlands of Brighton, Hudson, and Keenesburg. United Power is also a founding member of the NextGen Cooperative Alliance, dedicated to expanding the power supply and procurement options and reforming the traditional generation and transmission business model. For more information about the cooperative, visit www.unitedpower.com or follow them on social media Facebook, Twitter, LinkedIn, YouTube and Instagram.

###

Heidi Storz

United Power, Inc.

+1 303-637-1259

[email us here](#)

Visit us on social media:

[Facebook](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/563295334>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2022 IPD Group, Inc. All Right Reserved.