

Appendix K: Public Summary

8 Rivers is a Durham, North Carolina–based climate technology company leading the energy industry towards achieving net zero. Founded in 2008, 8 Rivers is pioneering the clean energy and climate future through the invention and commercialization of infrastructure-scale technologies and projects that enable the global energy transition. The 8 Rivers technology portfolio includes AFC-Carbon (AFC-C), based on the Allam-Fetvedt Cycle, which is a transformative low-carbon power cycle for solid fuels. We believe the development and deployment of this technology in Wyoming will revolutionize the way the state is able to generate and utilize energy.

AFC-C is a state-of-the-art technology designed to harness the full potential of Wyoming’s abundant coal resources while drastically reducing environmental impact. This project not only represents a significant leap forward in energy innovation but also offers substantial economic, environmental, and social benefits to the residents of Wyoming.

The AFC-C project is set to inject new life into Wyoming’s economy, particularly in communities that have historically depended on coal. By utilizing Wyoming’s coal reserves in a more efficient and cleaner manner, the project will provide high paying job opportunities for residents, equipping them with the skills needed to participate in the next generation of energy technology. This technology also positions Wyoming as a leader in the global energy market, attracting investments and fostering economic growth across the state.

At the heart of AFC-C is a commitment to drastically reducing carbon emissions. The technology captures nearly 100% of the carbon dioxide produced during the energy generation process, preventing it from entering the atmosphere. Additionally, the process emits no air pollutants, significantly improving air quality and contributing to Wyoming’s environmental sustainability goals.

8 Rivers is deeply committed to the state of Wyoming and its people. Our proposed project is designed with a strong emphasis on community engagement and transparent communication. We will work closely with local stakeholders, including state and local governments, community leaders, and environmental organizations, to ensure that the project aligns with Wyoming’s values and priorities. We view this project not only as a technological advancement but also as a key component of Wyoming’s ongoing transition to a sustainable and prosperous future.

We are excited to embark on this journey with the people of Wyoming and look forward to the positive impact this project will have on the state and its communities.