

WERLPOWER, LLC

SHORT DESCRIPTION: Werlpower is a recently formed green energy start-up which began with a novel idea as to how to create cost effective carbon free electricity. The concept being proposed is to use the kinetic energy in the outfall from Waste Water Treatment Plants (WWTPs) to power a modified wind turbine generator. WWTPs provide a reliable source of hydropower as most operate on a 24/7 basis. The water that is being targeted for use is the water that has been treated and is in the process of being released into a river. WWTPs can release from a few hundred thousand gallons per day to many millions of gallons per day. This flow of water contains untapped energy. Currently, there is no method available to effectively make use of this flowing water because of the low head that is deliberately created to reduce erosion upon the water's release. Werlpower has developed a patented process (U.S. Patent 11242838) to extract more useful power from the available energy in the water being released. The goal is to partner with the Aspen Pines Water and Sewer District located in Wilson, WY (population 1,567) use the Phase I funds for product design and Phase II funds to implement a pilot project to be sited at the Wilson Wyoming Waste Water Treatment Plant.

VIDEO LINK: https://www.youtube.com/watch?v=Uuw1Ci_4W1M&t=27s

KEY MEMBERS:

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