

Cover Page for the American Made Challenge – Energizing Rural Communities Prize:  
Partner Track

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Location of primary benefits:

City of Umatilla  
Umatilla, OR  
97882-0800

Description of proposed plan and use of funds:

Skip Technology (SkipTech) are experts in Long Duration Energy Storage (LDES) and its integration into micro grids. LDES is critical for microgrids that want to be powered by renewable energy sources such as wind and solar. This is primarily due to the mismatch between the time when renewables produce energy and the time that consumers use energy. They are also critical for resiliency and reliability. SkipTech are in early discussions with the Umatilla Tribe to provide LDES for a micro grid that would utilize various power sources power.

The awarding of this prize would allow SkipTech to accelerate planning of this installation, advance discussions with the Umatilla Tribe and finalize a detailed memorandum of understanding between the parties. Complete detailed planning for installation of the required LDES. This would allow for timeous integration of this critical element into the micro grid. Considerable skills transfers would take place between the parties as well.

Link to 3 minute video: <https://youtu.be/UGBQji0Bd6E>

Team:

Brennan Gantner, CEO of Skip Technology, PhD, astrophysics. Clean Tech entrepreneur.  
Ben Brown, CTO of Skip Technology, PhD, Professor. Fluid Dynamics Expert  
Andrew Selby, CFO of Skip Technology, Chartered Accountant. 30 year experience.  
Madisen McCleary, VP Engineering of Skip Technology, PhD. Materials expert.