

OffGrid Cell Tower to empower rural communities

The "RuralUrban Labs Off-Grid Wind & Solar Telecommunications Tower " team is participating in the HeroX competition to build a proof of concept, fully operational off-grid telecom tower that simultaneously generates power from wind and solar. The premise behind this project is to create a replicable solution to bridge the digital divide for rural residents while simultaneously creating infrastructure to accommodate for 21st century 5G/LTE data transmission which will help farmers adopt technologies to adopt new innovations such as autonomous machinery, advanced weather sensors, other aerial imagery to improve food production and farm efficiency.

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