

Technical Assistance Request – Modular Microgrids

Modular Microgrids will be performing energy modelling for potential microgrid sites across the US. These microgrids will center around a modular construction office trailer. In addition, structural calculations to confirm that a retrofit design for the office is sufficient to install rooftop solar will likely have to be performed. Prior to releasing a final product, electrical and structural drawings that follow building codes will need to be approved and stamped by a professional engineer.

To summarize, assistance in the following areas would help the team grow the innovation significantly:

- Energy modelling of a solar + battery storage microgrid
- Load profiling for an off-grid construction office trailer
- Structural calculations for modular buildings
- Electrical code assistance
- Structural code assistance
- Assistance navigating state and local codes with strict rooftop solar guidelines
- Mentorship for starting a new business
- Ability to professionally stamp drawings (Professional Engineering license) with focus in the following states:
 - Pennsylvania
 - Florida
 - Texas
 - California
 - Arizona
 - Colorado
 - Minnesota

Modular Microgrids appreciates any help that you can provide. If you have any questions about our solution, please feel free to reach out to our team.

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