



Unleashing Microgrids

in Rural North Carolina and SE USA

EnerWealth Solutions aims to secure funding to expand advanced clean energy initiatives that benefit low- and middle-income residents living in rural areas in North Carolina. The primary objective is to establish a replicable partnership and work model for microgrid systems which support rural communities in North Carolina and the Southeastern United States. EnerWealth plans to build upon an existing project and partnership with a rural electric cooperative company, while also pursuing additional collaborations with local electric cooperatives, utilities, non-profit organizations, and state energy entities to create meaningful community impacts.

The proposed **Unleashing Microgrids** project entails increasing resilience for families particularly vulnerable to climate change related disasters in rural North Carolina, with replication throughout the southeastern United States. When not used for back-up power, these installations will provide grid management services through peak shaving, to help control wholesale power costs a particularly important benefit for rural electric cooperatives that may be experiencing flat or declining load.

Link to 3-minute Pitch Video: <https://youtu.be/pysDuZmq7GM>

Project Members:

EnerWealth Solutions, LLC TEAM - Located in Zip Code 27565-9998

Team Lead: Ajulo E. Othow, CEO/Founder, aothow@enerwealthsol.com

EnerWealth Team Members: Emily Sloss, Sr. Project Developer; Claire Castleman, Project Financial Modelling; Travis Moe, Strategic Partnerships and Community Outreach Specialist

Other Potential Project Partners:

- Roanoke Electric Cooperative
- Halifax Electric Cooperative
- NC Electric Membership Corp
- Duke Energy
- NC Center for Energy Education
- NC State Energy Office

Project Location(s): Rural Counties in NE North Carolina

County Name	Rural Townships	9 Digit Zip Code
Warren	Warrenton, Macon, Norlina	27589/27551/27563
Nash	Spring Hope, Dortches, Whitakers, Middlesex, Red Oak, Bailey, Castalia	27807/27809/27816/27557/27804/27882/27891
Bertie	Windsor, Roxobel, Lewiston, Woodville	27983/27872/27849
Halifax	Halifax, Weldon, Hobgood, Enfield, Littleton	27839/27890/27843/27823/27850
Hertford	Winton, Como, Cofield, Murfreesboro, Ahoskie, Harrelsville	27986/27818/27922/27865/27910/27942
Northampton	Conway, Garysburg, Gaston, Jackson, Lasker, Rich Square, Seaboard, Severn, Woodland	27820/27831/27832/27845/27845/27869/27862/27877/27897
Gates	Gatesville	27938
Vance	Kittrell, Middleburg	27556/27544