



Reactive

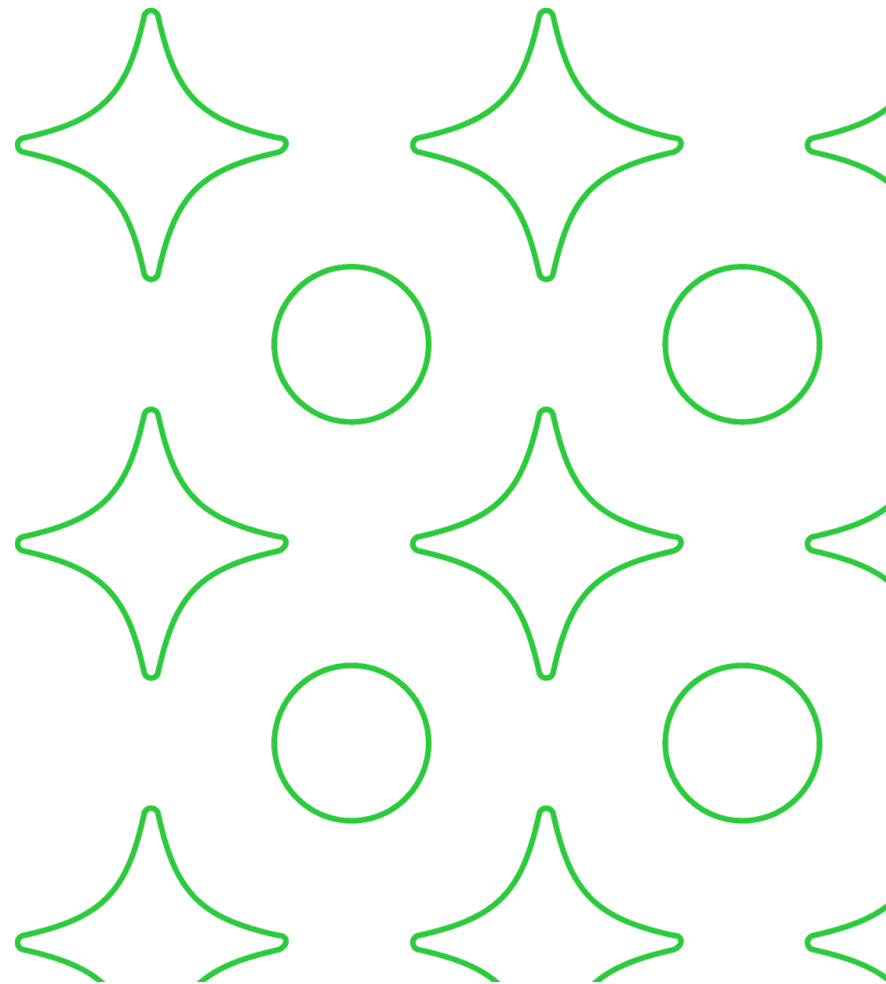
An Invenenergy Company



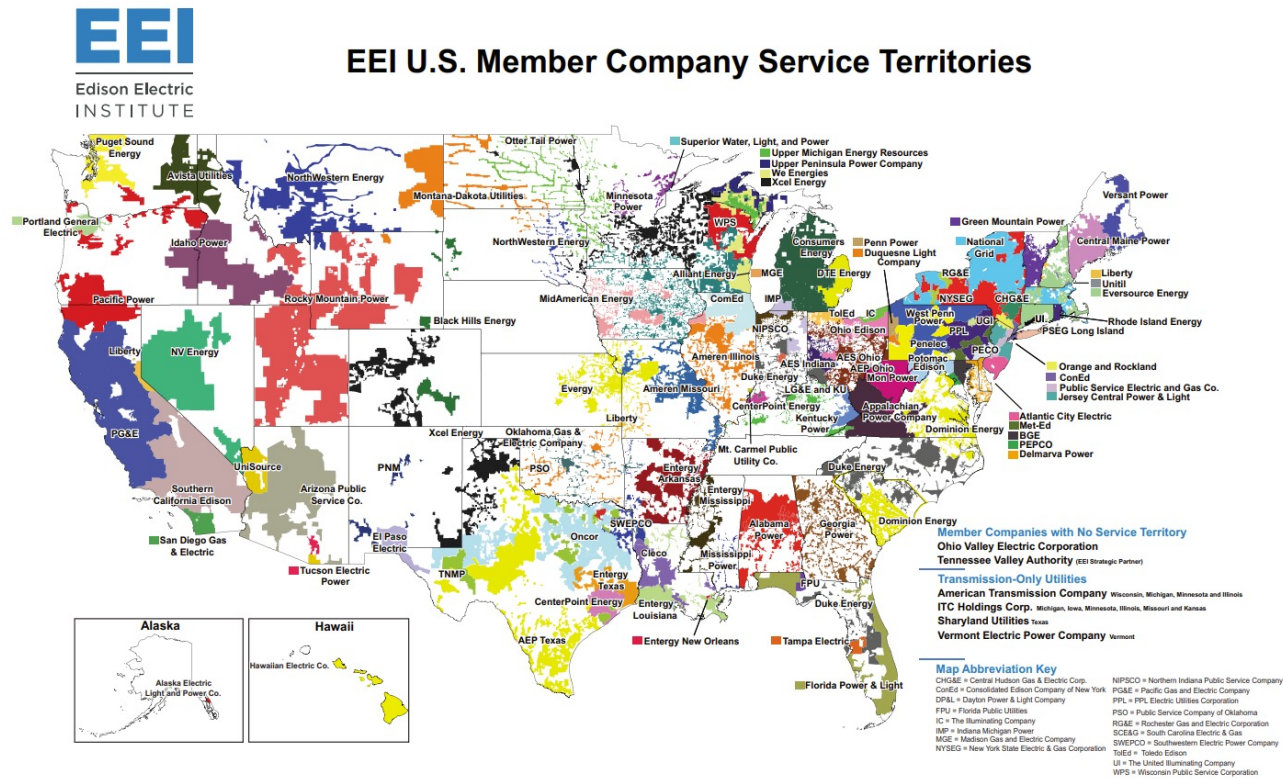
*National Association of
State Energy Officials*

State and Industry Pathways in Advancing Solar Solutions

October 29, 2025

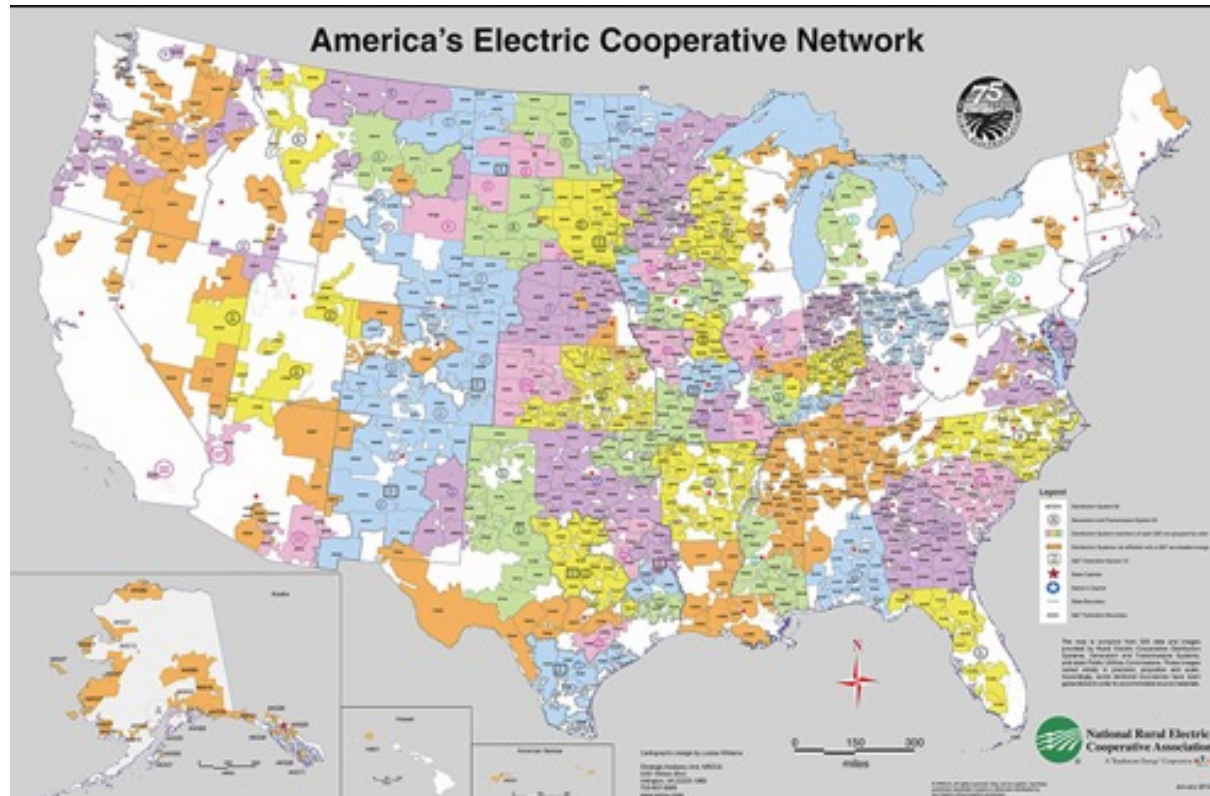


Investor Owned Utility Network



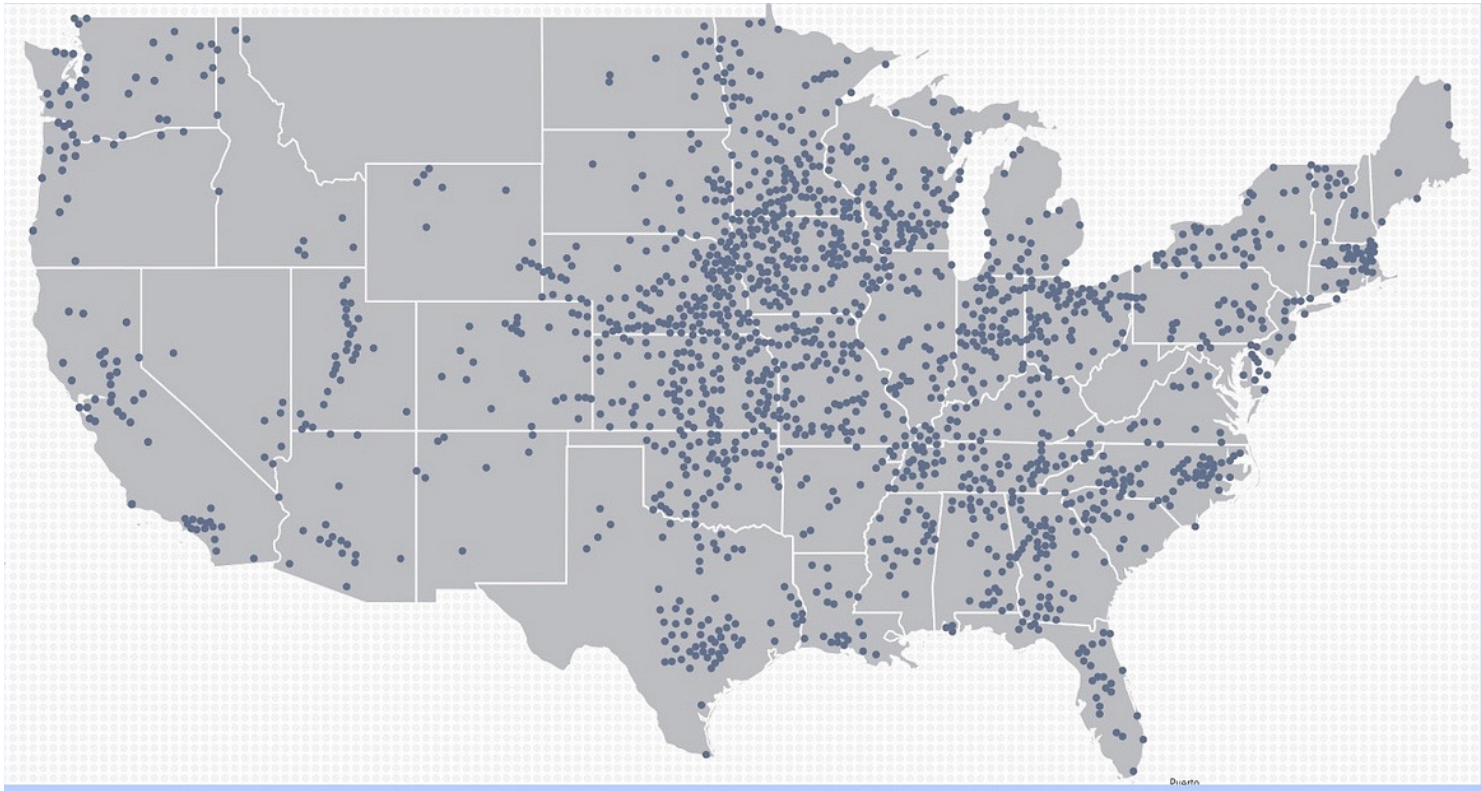
Produced by Edison Electric Institute. Data Source: ABB, Velocity Suite. June 2024

Electric Cooperative Network



Source: [Rural Electric Coops 101 — Rural Electric Coop Toolkit \(electriccooporganizing.org\)](http://RuralElectricCoops101—RuralElectricCoopToolkit(electriccooporganizing.org))

Public Owned Utility Network



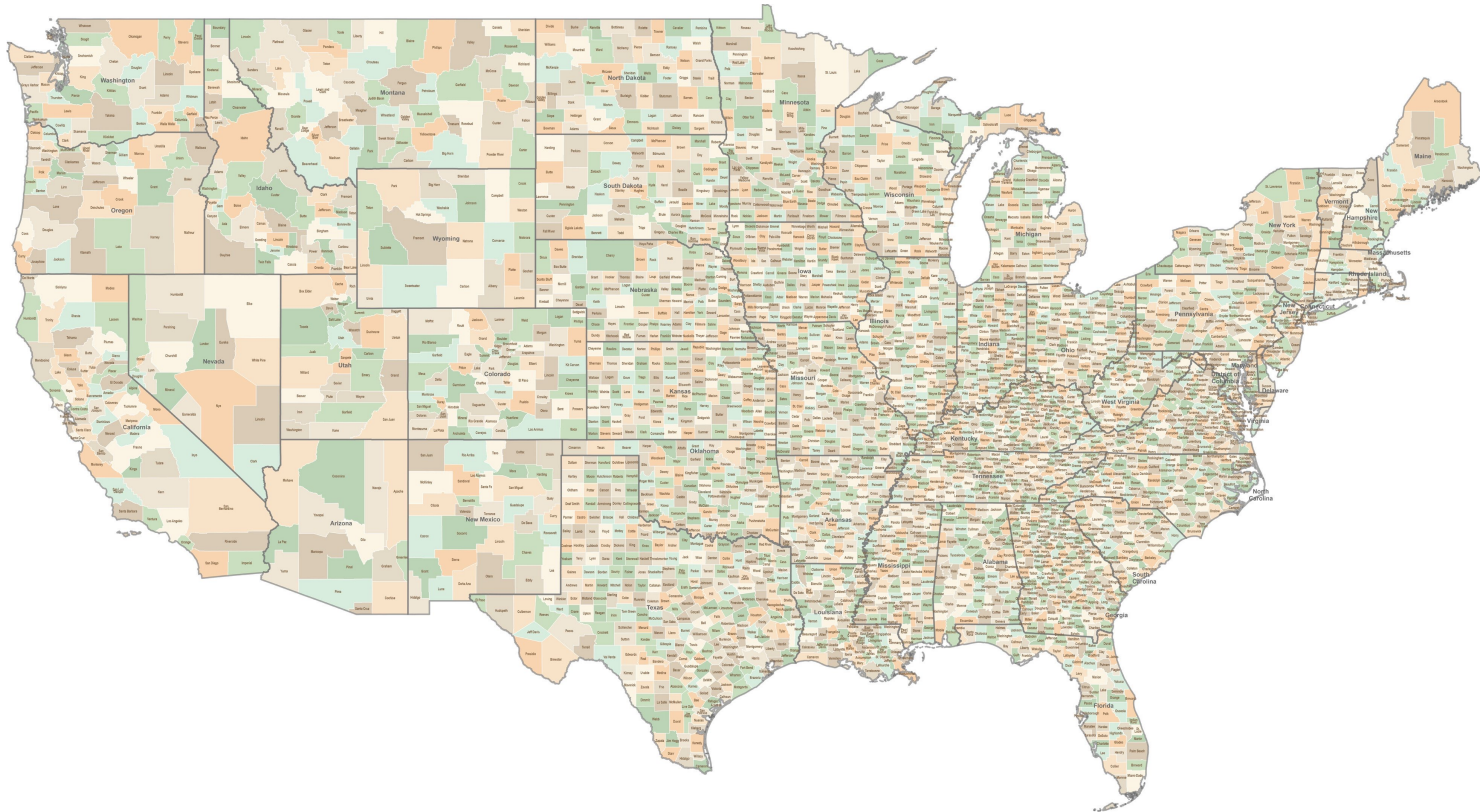
Source: <https://www.publicpower.org/system/files/documents/MAP-%20Where%20is%20Public%20Power.pdf>

Utility Networks

3037

Each has their own rules, interconnection processes, fee structures, timelines

US Counties (or equivalents)



Counties

3143

Each has their own rules, permitting processes, fee structures, timelines

Barriers

- Fragmented systems (3037 utility networks, 3143 counties)
- Limited/Lack of Transparency (Hosting capacity maps, resource planning, adherence to timelines [utilities/permitting])
- Narrow interconnection pathways
- Misaligned financial incentives for IOUs (CAPEX vs OPEX)
- Limited or overly restrictive green tariffs
- Full value proposition of DERs not quantified
- Resource constraints (people and tools)

Let's Talk Solutions