

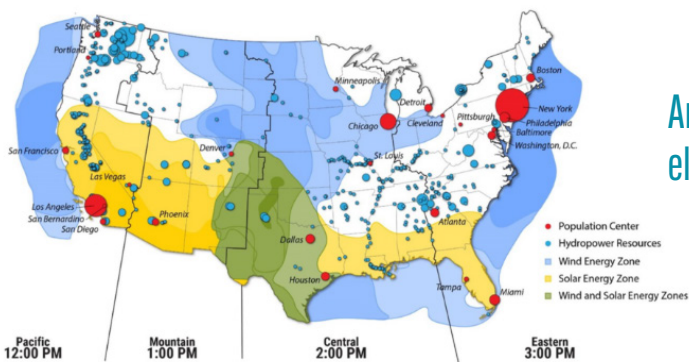


Macro Grid Initiative

An ACORE Program

VISION

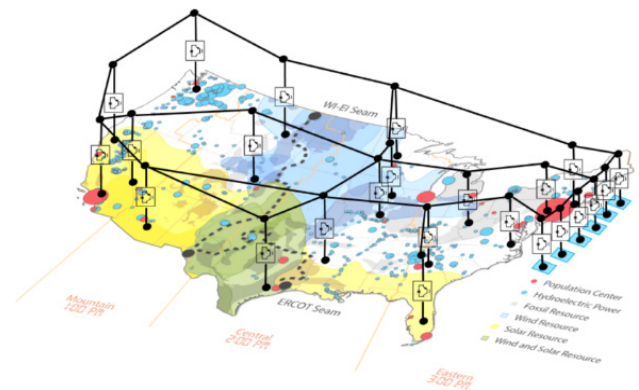
The Macro Grid Initiative seeks to expand and upgrade the nation's transmission network to deliver job growth and economic development, a cleaner environment and lower costs for consumers.



Source: National Renewable Energy Laboratory, Interconnection Seam Study

Stitching together the major regions of the power system would allow the U.S. to harness its abundant renewable resources and balance electric demand across the country.

America's centers of high renewable resources and high electric demand often fall within different grid regions.



Source: Macro Grids in the Mainstream: An International Survey of Plans and Progress

BENEFITS OF TRANSMISSION

Upgrading America's transmission system by building a Macro Grid is a cost-effective way to lower consumer costs, alleviate transmission congestion and facilitate the integration of low-cost energy. Other benefits include:

Economic Development

A recent WIRES Group study [identified](#) \$83 billion in planned transmission projects around the country that would add \$42 billion to GDP and boost direct local spending by nearly \$39 billion.

Job Creation

Building the 22 high-voltage transmission projects that are ready for near-term construction would create 600,000 jobs, according to a recent Americans for a Clean Energy Grid (ACEG) [report](#). The resulting wind and solar development enabled by the new transmission capacity would create an additional 640,000 jobs.

Renewable Energy Deployment

If built, the 22 transmission projects listed in the ACEG report could interconnect around 60,000 megawatts of new renewable capacity, increasing America's wind and solar generation by nearly 50%.

Domestic Manufacturing

The components of upgraded and expanded transmission lines are often domestically produced. The Brattle Group [estimates](#) that 65% of transmission wires and towers are sourced domestically.

Reliability and Resilience

Additional interregional transmission capacity can enhance grid reliability and resilience and also significantly reduce consumer costs during increasingly frequent extreme weather events, according to a [recent ACORE report](#). For example, more interregional transmission could have saved nearly \$1 billion and kept the heat on for approximately 200,000 Texas homes during Winter Storm Uri.

VISION STATEMENT SUPPORTERS



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