

Empowering American energy infrastructure in the West



WAPA's Transmission Infrastructure Program

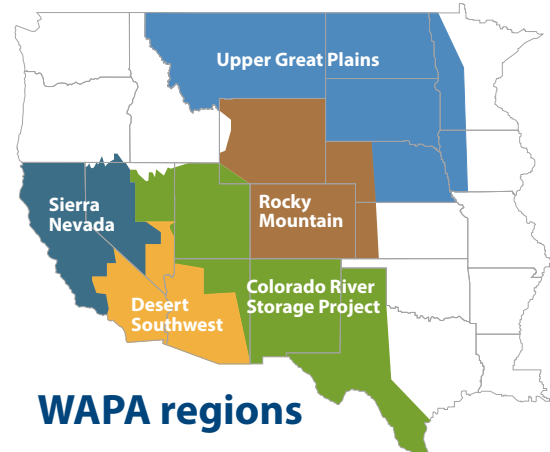
The Transmission Infrastructure Program (TIP) is a strategic federal financing initiative that leverages Western Area Power Administration's (WAPA's) statutory borrowing authority and deep expertise in transmission development to strengthen and expand the nation's electric grid. TIP supports projects that enhance reliability, affordability and resilience, ensuring that America's energy infrastructure meets the demands of a growing economy and evolving energy landscape.

TIP manages WAPA's \$3.25 billion revolving loan program, supporting transmission projects that facilitate the efficient delivery of power, enhance grid security and promote domestic energy development. Additionally, TIP provides technical and analytical assistance to eligible partners, helping advance projects that spur economic opportunity and modernize critical infrastructure.

BRIDGING MARKET GAPS TO UNLOCK INVESTMENT

While private investment plays a critical role in energy infrastructure development, market-driven solutions alone have not been sufficient to bridge the transmission gap in the West. Many large-scale transmission projects face significant hurdles, including long development timelines, permitting challenges and financing difficulties. TIP provides a strategic federal financing mechanism that de-risks projects, enabling private capital to flow more effectively into the grid expansion needed to sustain economic growth and energy security.

By leveraging federal loan authority, TIP helps overcome financial barriers and unlock new or upgraded transmission projects that are essential to regional and national energy resilience. These critical projects may not attract immediate or sufficient private-sector investment due to perceived risks, costs or long payback periods. This public-private partnership model ensures that critical infrastructure is built while maintaining the efficiency and dynamism of market-driven energy solutions.





Construction crews secure the next section of the Saguaro line structure that is part of the Electrical District No. 5 substation upgrade. WAPA file photo

STRENGTHENING AMERICA'S ENERGY FUTURE

Originally established to stimulate investment in vital energy infrastructure during the Great Recession, TIP continues to support projects that drive economic growth and national energy security. As electricity demand grows from data centers, artificial intelligence needs and growing domestic manufacturing, states are actively developing diverse energy resources, driving the need for modernized electricity transmission infrastructure to ensure reliability and affordability for consumers. TIP plays a pivotal role providing debt capital to bridge infrastructure gaps, foster public-private partnerships that accelerate investment and ensure that the energy grid keeps pace with economic expansion.

ADVANCING TRANSMISSION TO STRENGTHEN ECONOMIC GROWTH

Powering economic development

Investment in transmission and energy storage infrastructure fuels economic growth by creating jobs, enhancing energy reliability and unlocking new business opportunities. TIP is uniquely positioned to facilitate these advancements, supporting projects that enhance grid efficiency and stability.

Supporting project development & bankability

TIP collaborates with developers to overcome key project hurdles, from siting and permitting to engineering and financial structuring – critical steps in securing private investment. Once a project has successfully navigated the development phase, it may qualify for TIP financing, ensuring a streamlined path to implementation.

Harnessing innovation for a resilient grid

With WAPA's expertise and access to federal financing at competitive rates, TIP provides a powerful platform to advance cutting-edge transmission solutions. By working with qualified developers, TIP ensures that vital projects move forward, reinforcing energy security, economic competitiveness and modern infrastructure.

REPRESENTATIVE TIP PROJECTS

■ Montana Alberta Tie Ltd

Energized in 2013, this 230-kilovolt transmission project facilitates the delivery of energy from Montana to interconnected markets. TIP provided a \$162 million construction loan, which has been fully repaid.

■ Electrical District No. 5 - Palo Verde Hub

Operational since 2015, this 109-mile transmission line adds up to 410 megawatts of bidirectional capacity in Arizona, linking to the vital Palo Verde hub serving Arizona, Southern California and Nevada. The project is in active repayment.

■ TransWest Express

Consisting of an overhead transmission line extending approximately 725 miles from south-central Wyoming crossing Colorado and Utah, this project will transmit about 3,000 MW of electricity annually. TIP provided a \$25 million development loan, which has been fully repaid.

“The Transmission Infrastructure Program’s core mission is to provide debt solutions to support the next generation of electric transmission and domestic energy development. We seek and provide capital for public-private partnerships to advance projects that enhance electricity reliability and affordability and strengthen our nation’s critical energy infrastructure.”

Paul Schwabe, Senior VP & TIP Manager

TIP STATUTORY ELIGIBILITY CRITERIA

To qualify for financing or development assistance from TIP, a project must:

- Have at least one terminus within WAPA's 15-state service territory
- Demonstrate and establish a reasonable expectation of its ability to generate enough transmission service revenue to cover all of its operating costs and repay the loan with interest
- Not adversely impact system operations or reliability
- Deliver or facilitate the delivery of renewable energy resources
- Serve the public interest

For more details on development assistance and loan applications, email **Paul Schwabe** at **Schwabe@wapa.gov**