

A. FERC must finalize strong transmission planning and interconnection rules to address transmission needs, maximize consumer benefits, and ensure meaningful opportunities for community engagement.

Consider transmission alternatives including advanced conductors, power flow control devices, dynamic line ratings, and transmission switching for both new and existing facilities

Explore the critical role of geospatial research in optimizing renewable energy transmission corridors. Learn how technologies like Geographic Information Systems (GIS) and remote sensing facilitate ...

Starting with the 2021-2022 transmission planning process and the 20-Year Transmission Outlook, the ISO began assessing the transmission capabilities for integrating offshore wind in the Central Coast and North ...

ISO and RTO innovation supports the latest advancements in smart grid technologies, improving the resiliency and reliability of the grid, making energy transmission more efficient, smarter and cost-effective. Since their ...

78 Executive Summary The 2025 Transmission Planning and Development Report Card provides an updated as-sessment of U.S. transmission planning and development across ten regions. The first edition of the Report ...

By July 1, 2025, the CEC, CPUC, and CAISO jointly develop a Guidebook that describes the state's transmission infrastructure planning and permitting processes to include:

These transmission portfolios demonstrate new interregional transmission combined with intraregional transmission upgrades can help meet the flexibility requirements of high renewable energy power systems.

The paper outlines ESIG's recommendations for the creation of a national transmission plan, the identification of renewable energy zones, and the design of a macro grid necessary to meet local, state, and national clean ...

Web: <https://thehibiscuscoast.co.za>