

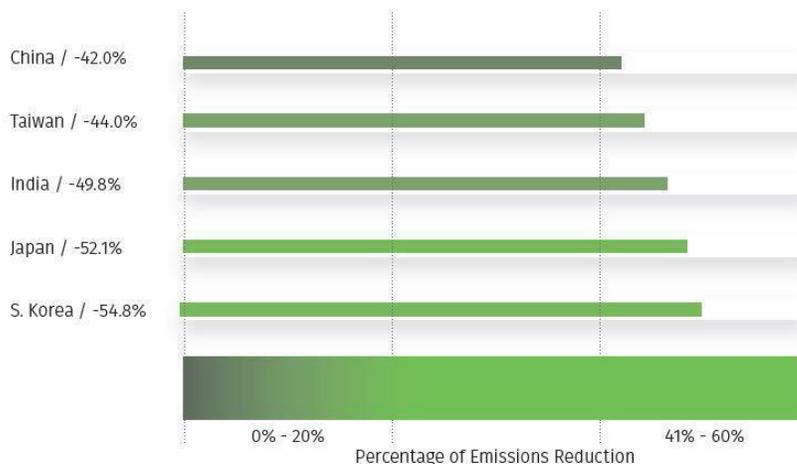


# With LNG, America Can Export Emissions Reductions to Asian Nations

China, South Korea, India, Taiwan and Japan can reduce their greenhouse gas emissions by 42%-55% if they replace domestic coal-fired generation with natural gas produced in the Rockies and exported as liquefied natural gas (LNG) from the West Coast, according to a [recent study](#) produced by [Western States and Tribal Nations](#) (WSTN) in partnership with the Utah School and Institutional Trust Lands Administration.

The environmental, economic, and energy opportunities this offers are vast, especially since Asia [is forecasted](#) to drive about three-quarters of the world's LNG demand growth through 2040. Connecting Rockies gas from the Piceance, Green River and Uinta basins to a West Coast LNG terminal will create the cheapest and fastest route to Asia, dramatically reduce LNG tanker emissions and eliminate the political and economic risk inherent in the Panama Canal.

**Baseline % Change in Import Country's Life Cycle Emissions Factor After Displacement, Based on Life Cycle Emissions Factors of Local Coal and Imported U.S. West Coast LNG Electricity Generation (%)**



## BENEFITS

1. LNG exports offer economic and environmental benefits to Asian allies and partners, with tangible, immediate emissions reductions benefits.
2. West Coast export options will unlock stranded gas in the Rockies, and present the opportunity to develop natural gas with the lowest carbon footprint, and establish a global gold standard to meet demand for cleaner energy.
3. The U.S. can stoke long-term economic development in the rural West and sovereign tribal nations, allowing for greater quality of life, business environments and tribal self-determination.
4. Long-term LNG contracts can help strengthen U.S. diplomatic and economic power by enhancing our geopolitical influence and locking in value that contributes to national security.
5. LNG exports and the associated infrastructure have the potential to become part of an international hydrogen network as that industry grows and nations like Japan make major national commitments to it.

For more information, please contact WSTN President Andrew Browning at [andrew@westernnaturalgas.org](mailto:andrew@westernnaturalgas.org).

To view a more detailed summary of the study, please [click here](#). The full study is [available here](#).

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