

# Dr. Sugandha D. Tuladhar

Associate Director



## Contact

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Dr. Sugandha D. Tuladhar is an Associate Director in NERA's Energy and Environmental Economics Practices. Dr. Tuladhar works with electric utilities, oil and gas companies, and other industrial sector clients to help them better understand the economic impacts of energy and environmental regulations and policies. He designs and develops sophisticated numerical methods and models—particularly energy economy models—to help clients understand the effects of complex regulations and policies. The analytical outputs from his models have been used by clients for their internal business strategy work, testimonies, regulatory hearings, and to support policy advocacy work. In addition, Dr. Tuladhar's analytical work has been used by colleagues in US congressional hearings and published peer-reviewed journals.

Dr. Tuladhar's analysis has been used by the governments to inform policymakers and craft energy policies. He has worked closely with both government and NGO clients on economic benefit analysis of oil and gas exports (including crude oil and LNG). He has also developed proprietary energy economy models to simulate complex economic systems and energy markets to quantify consequences on the economy and energy markets.

Dr. Tuladhar has guided clients in the solar industry, developing a global solar value chain model to quantify the adverse impacts of Section 201 import relief proposals on a client's product market. He also helps clients understand the economics of the deployment of electric vehicles and the effects of electric vehicle subsidies. Dr. Tuladhar has advised electric utility clients on decarbonization policy in the electric and transportation sectors.

## Education

PhD in economics, The University of Texas at Austin

MSc in operations research and industrial engineering, The University of Texas at Austin

## Publications

- *NERA Electricity Insights | Q1 2018*
- *NERA Electricity Insights | Q4 2017*
- *NERA Electricity Insights | Q3 2017*
- *Impacts of Greenhouse Gas Regulations on the Industrial Sector*
- *Economics of US Natural Gas Exports: Should Regulators Limit US LNG Exports?*
- *Potential Electricity and Energy Price Outcomes under EPA's Federal Plan Alternatives for the Clean Power Plan*
- *Technical Comments on the Social Cost of Methane As Used in the Regulatory Impact Analysis for the Proposed Emissions Standards for New and Modified Sources in the Oil and Natural Gas Sector*
- *Energy and Consumer Impacts of EPA's Clean Power Plan*
- *Economic Impacts of a Proposed 65 ppb National Ambient Air Quality Standard for Ozone on the State of Texas*
- *Economic Impacts of a 65 ppb National Ambient Air Quality Standard for Ozone*
- *Potential Impacts of the EPA Clean Power Plan*

- *Economic Benefits of Lifting the Crude Oil Export Ban*
- *Assessing Economic Impacts of a Stricter National Ambient Air Quality Standard for Ozone*
- *Socio-Economic Impact Analysis of Alaska LNG Project*
- *Updated Macroeconomic Impacts of LNG Exports from the United States*
- *Macroeconomic Impacts of LNG Exports from the United States*
- *Economic Outcomes of a US Carbon Tax*
- *Impacts of Renewable Energy Subsidies/Incentives on Costs of Achieving Renewables Goals*
- *Economic Implications of Recent and Anticipated EPA Regulations Affecting the Electricity Sector*
- *Analyzing the Changing US Carbon Policy Landscape*
- *An Economic Impact Analysis of EPA's Mercury and Air Toxics Standards Rule*

## **Practice Areas**

Energy

Environmental Economics

## **About NERA**

NERA Economic Consulting ([www.nera.com](http://www.nera.com)) is a global firm of experts dedicated to applying economic, finance, and quantitative principles to complex business and legal challenges. For over half a century, NERA's economists have been creating strategies, studies, reports, expert testimony, and policy recommendations for government authorities and the world's leading law firms and corporations. With its main office in New York City, NERA serves clients from more than 25 offices across North America, Europe, and Asia Pacific.