

## Renewable Energy

The demand for renewable-energy development continues to grow as companies and government entities struggle to meet the public's needs with cost-effective and sustainable solutions. The incentives landscape is changing and the search for low-cost capital sources is ongoing. These and other issues require a deep understanding of the regulatory and economic factors associated with renewable-energy development and financing. The attorneys at Troutman Sanders work with clients to develop innovative project structures that lead to successful deals in the public and private sectors.

We have a long history of offering clients innovative solutions that integrate new technologies into the market, having counseled the energy industry since the 1920s. Today, our renewable energy practice represents investors, lenders, utilities, independent power producers and developers in renewable-energy projects throughout the United States and around the world. We are recognized as a national, top-tier energy practice in the 2017 edition of U.S. News–Best Lawyers “Best Law Firms” and Chambers USA listed our renewable energy projects practice as a nationwide notable practice in its 2017 guide.

In particular, we have extensive experience in the following key areas:

- [Biomass and Alternative Fuels](#)
- Geothermal
- [Hydropower Acquisitions and Project Development](#)
- Demand Response, Energy Efficiency and Storage
- [Renewable Procurement](#)
- [Solar Energy](#)
- [Wind Energy](#)

We draw on our deep insights, perspective and firsthand knowledge to guide clients through every stage of development and related matters, including the following:

- Project acquisition (early through late stage) and structuring
- Environmental permitting and federal, state and local regulatory compliance
- Real estate acquisition and leasing
- EPC, equipment procurement, and balance of plant construction
- Interconnection and transmission
- Power and REC sales
- Optimization of tax credits and other tax benefits
- Debt, equity and lease financing
- Operation and maintenance.

We have been involved with the structuring of more than 600 solar transactions throughout the United States. These projects range from residential rooftops to some of the largest solar facilities in the country. Our significant range of experience also includes the acquisition and development of wind-generation projects (offshore and onshore) in multiple states and the conversion of combined-cycle generating plants to biomass and geothermal facilities domestically and around the world.

We invite you to subscribe to our blog site, [Renewable Energy Insights](#), to learn the latest in renewable-energy legal news.

