

With rising demands for cleaner energy, the power and utilities industry faces both vast opportunities and significant challenges in meeting increased electricity demand for power while also transforming historical generation, transmission and distribution systems to include cleaner resources.

Market participants are investing in clean energy sources while navigating continuous market disruptions, evolving regulatory frameworks, legal hurdles, consumer activism, and reputational and financial constraints.

FTI Consulting professionals are well-equipped to assist, whether it's capitalizing on opportunities in clean energy and related technologies, addressing urgent environmental issues, or managing the regulatory, legal, and dispute-related challenges arising from the ongoing transformation in the power and utilities sector.



Power & Utilities Advisory Services

FTI Consulting's Power & Utilities Advisory Services team provides unparalleled expertise and integrated capabilities to help our clients address critical challenges arising from disruptive commodity markets, complex regulations, industry transformation, business problems and complex disputes, among others.

Industry Expertise



Renewable Generation (Wind, Solar, Biomass, and Hydro)



Thermal Generation (Nuclear and Fossil)



Energy Storage



Electric Transmission



Power Distribution



Demand Response



Electric Vehicles



Energy Efficiency



Residential, Commercial and Industrial Electrification

—SERVICE OFFERINGS

Antitrust & Competition Analysis Corporate Risk, Investigations & Monitorships Dispute Advisory & Arbitration Valuation & Damages **Expert Witness Testimony**

Business Transformation Data Analytics Consulting Due Diligence & Transaction Advisory Economic and Policy Impact Analysis **Energy Transition Advisory Market Forecasting**

Turnaround & Restructuring Forensic Accounting & Fraud Portfolio Optimization

Integrated Resource Planning Market Structure and Rate Analysis **Prudency Review**

Cybersecurity

E-Discovery, Analytics & Managed Review

Strategic Communications ESG & Sustainability

Who We Are

When you engage FTI Consulting, you access a highly awarded firm with a dedicated team of professionals who have long been at the center of changes in the energy, power and products landscape. We bring an agile, hands-on and collaborative approach along with diverse skills and expertise tailored to meet your needs.



Industry Specialists

Our global team of seasoned practitioners have extensive management, operational and market-focused experience in the power and utilities industry, including understanding the economic factors that drive value in the energy and power sectors.



Multiple Experts, One Team

FTI Consulting offers a comprehensive suite of services designed to assist clients across the business cycle — from proactive risk management to the ability to respond rapidly to unexpected regulatory, investigative and dispute advisory needs.



Definitive Expertise

We have a unique combination of accounting, economic and financial expertise, along with in-depth industry knowledge, providing dispute advisory, due diligence, economic and policy impact analysis and valuation services to counsel and clients. Our experience includes working with ISOs, RTOs, nuclear, fossil-based and renewables generators and buyers, transmission and distribution service providers, and investorowned, municipal utilities and cooperatives.



Global Reach

With nearly 8,000 employees and offices in 86 cities and 33 countries, FTI Consulting combines the responsiveness of a local practice with the deep technical skills, significant resources and scalability of a global business advisory firm.



Led Who's Who Legal Consulting Experts Guide for Seventh Consecutive Year With 150 Professionals Recognized Globally



Ranked #1 in Global Arbitration Review's GAR 100 Expert Witness Firms' Power Index (2023)



Consulting Firm of the Year Who's Who Legal (2017 – 2023)



Ranked in Band 1 in Eight Practice Categories, Including Cybersecurity Risk, Economic Analysts, E-Discovery and More



Selected by Clients for Forbes' List of World's Best Management Consulting Firms for Second Consecutive Year

Consulting Magazine

FTI Consulting named a Best Firm to Work For by Consulting Magazine (2018-2023)

How We Make the Critical Difference

FTI Consulting's team includes senior professionals with decades of experience in all areas of the power and utilities industry including conducting investigations, economic impact analyses, prudency reviews, and transaction due diligence, and providing expert testimony in construction, billing, power purchase agreement, and valuation disputes. The following is a sample of the types of engagements where we have delivered valuable insights that contributed to successful outcomes for our clients.



Expert Testimony

Arbitration: Solar Project's Liquidated Damages

Assessed liquidated damages and lost revenues from solar photovoltaic projects coming online after dates set in the engineering, procurement, and construction agreements

Bankruptcy Proceeding: ERCOT Energy Costs

Assessed the energy prices and costs to an electricity provider resulting from an ISO's deviation from its standard operating protocols during a winter storm event

Arbitration: Power Market Forecasting

Provided expert testimony on projected statewide power prices as part of an international arbitration case concerning disputed damages related to a decommissioned power plant

Litigation: Tennessee Power Purchase Agreement (PPA)

Provided expert and rebuttal reports for a power customer regarding damages in relation to a power purchase agreement contract dispute with a utility

Arbitration: Misappropriation Of Trade Secrets

Retained as a damages expert in a theft of trade secrets case involving solar panel technologies for residential and commercial applications



Risk & Investigations

IT System Implementation: ISO

Performed an independent assessment and evaluation of a large-scale IT system implementation by an ISO that experienced significant challenges, delays and inefficiencies

Billing System: Municipal Utility

Conducted an evaluation of over 480,000 municipal customer accounts in response to a class-action complaint regarding the municipality's implementation of Advanced Metering Infrastructure (AMI) and new Meter Data Management (MDM) and Customer Care Billing (CCB) systems

Breach Of Fiduciary Duty / Fraud / Mismanagement: **Electric Distribution Utility**

Performed a detailed review and analysis of claims of breach of fiduciary duties and fraud including evaluating the utilities financial performance, management practices, alleged conflicts of interest, and questionable compensation, expense items, and investments in non-core businesses

Class-Action Litigation / Evaluation Of Patronage Capital Of Electric Cooperative

Evaluated utilities' respective treatment and management of excess revenues (i.e., Patronage Capital or Capital Credits) relative to each cooperative's strategic goals and objectives, historical allocation to their respective members, and decisions by management with regard to the retirement of Capital Credits



Construction, Projects & Assets

Turnaround & Revitalization: Distressed Solar Project

Assumed the leadership, onsite management, and asset management roles at a project company as part of a financial and operational turnaround of a \$1 billion distressed power plant

Retrofit Delay Analysis: Coal Plant

Analyzed delays and disruptions to the engineering, procurement and construction ("EPC") contractor's plan caused by the Flue Gas Desulfurization supplier's late and deficient deliveries

Arbitration: Solar Farm

Testified in an arbitration on schedule delays and disruptions to the EPC contractor's work along with apportioned responsibility for the additional costs claimed by the EPC subcontractor

Arbitration: Hydroelectric Plants

Testified to schedule delays and damages in ICC Arbitration on behalf of the project owner for two runof-the-river underground hydroelectric plants

Arbitration: Gas-Fired Combined-Cycle Power Plant

Testified in arbitration regarding delays and disruptions resulting from design changes caused by a third-party vendor on a 600-megawatt combined-cycle power plant





Cybersecurity

CFIUS Assessment

Evaluated the requirements of the U.S. Department of Defense's National Security Agreement, the maturity of the assessed organization, and the relevant industry-standard frameworks to help design information security policies, programs, and procedures aligned with both the maturity and scale of the organization

Business Email Compromise Investigation

Investigated how multiple client payments were being misdirected to fraudulent accounts

Cybersecurity Readiness and Incident Response

Performed a cybersecurity readiness assessment of policies, procedures, standards, and guidelines to identify gaps in cybersecurity strategy and deployed a detection and response tool



Policy And Economic Impact Analysis

Economic Impact: Solar Cells and Modules Tariffs

Assessed the market and economic impacts from potential anti-dumping and countervailing duties on solar photovoltaic cells and modules imported into the U.S.

Project Economic Impact: New Power Plant

Performed an economic impact study on a new natural gas-combined cycle plant as part of a filing with a state agency

Industry Economic Impact: Electricity Trade Groups

Conducted several economic impact analyses of investments and operational expenditures by a trade groups' members on state and national economies

Policy Impacts: Carbon Cap-and-Trade, Fees and Taxes

Performed economic impact studies for industry trade groups and think tanks assessing the potential impact of proposed carbon policies on power markets and the broader economy



Project and Transaction Due Diligence

Feasibility Study: Coal-to-Gas Conversion

Evaluated the economic feasibility of converting an existing coal-fired power plant to natural gas

Asset Sale: Southwest Power Pool (SPP) Wind Farm

Forecasted hourly prices, generation, revenue and curtailments, and provided a market due diligence report for a wind farm operating in SPP

Asset Sale: ERCOT Wind Farm

Forecasted hourly prices, generation, revenues, and curtailments over 20-year period under multiple pricing scenarios using a nodal security-constrained, economic dispatch model

Valuation: CAISO Solar Project

Assessed the value of a solar project by forecasting energy prices and effective load carrying capability values over a 20-year period



Utility Ratemaking

Regulatory Proceeding: Prudency and Customer Damages

Provided written testimony to a PUC identifying whether a utility acted prudently before an unplanned outage and whether a fuel adjustment clause disallowance should be made

Utility Rates and Rate-Setting Mechanism

Evaluated if the rates charged by a utility were adverse to the public interest based on a long-standing multiparty agreement between a large municipal utility and various wholesale customers

Policy Whitepaper: Rate of Return for Utilities

Developed a whitepaper for a regulatory proceeding on the unintended consequences of capping the regulated rate of return for utilities





Power Purchase Agreements

PPA Economic Justification: Biomass Power

Conducted an independent assessment and evaluation of a long-term PPA between a municipal utility and a biomass-based electric generation facility

Economic Assessment and Analysis: Post-Acquisition Dispute

Assessed the value of an acquisition in connection with an Asset Purchase Agreement related to the sale of a large energy and environmental services company to a private equity-backed company

Economic Assessment / Cost Justification: Municipal Utility Contract

Evaluated questions and concerns in the signing of a long-term PPA by a municipal utility including events surrounding the negotiations and decision-making

PPA Re-Negotiation: PJM

Evaluated a fossil power plant in renegotiation of its PPA by applying power market models to determine whether it was better to reenter the PPA or to participate directly in the market

For further information, please contact:



TODD LESTERSenior Managing Director
+1 713 353 5420
todd.lester@fticonsulting.com



KEN DITZEL
Senior Managing Director
+ 1 703 966 1954
ken.ditzel@fticonsulting.com



DAVID LERMANSenior Managing Director
+1 713 353 5411
david.lerman@fticonsulting.com



BRENT BERSIN
Senior Managing Director
+1 713 353 5426
brent.bersin@fticonsulting.com



JORDAN RAE KELLY
Senior Managing Director
+1 202 312 9140
jordan.kelly@fticonsulting.com



LAURA MILLER
Senior Managing Director
+1 412 227 3864
laura.miller@fticonsulting.com



MICHAEL BIRMINGHAM
Senior Managing Director
+1 412 227 3858
michael.birmingham@fticonsulting.com



WILLIAM TUSA
Senior Managing Director
+1 281 635 1714
will.tusa@fticonsulting.com

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FTI Consulting is an independent global business advisory firm dedicated to helping organizations manage change, mitigate risk and resolve disputes: financial, legal, operational, political & regulatory, reputational and transactional. FTI Consulting professionals, located in all major business centers throughout the world, work closely with clients to anticipate, illuminate and overcome complex business challenges and opportunities.

