



**Strategic, Financial,  
& Operational Analysis Services  
for Energy Industry Clients**

**INDUSTRY EXPERIENCE**

*Industry professionals with deep expertise, broad experience, and a passion to make a difference*

**DELIVERY FOCUSED**

*Delivery focused project leaders, specializing in the fast turn-around of high-quality analytics*

**CREATIVE SOLUTIONS**

*At ease with complexity. Creative and practical solutions to the most difficult client challenges*

**PROVEN RESULTS**

*Long-standing client relationships reflect high levels of satisfaction with the delivered solutions*

# ANALYSIS SERVICES

## Financial

MJB's analysis and advanced modeling, customized to the specific problem, provides answers to operational and investment questions. Clients are able to make informed decisions based on trusted and transparent analyses.

- **Economic Modeling**
- **Market Modeling**
- **Financial Modeling**
- **Asset Valuation**

### ***Mid-Atlantic Generator***

MJB assisted a mid-Atlantic based generator evaluate the marginal cost associated with the degree and amount of cycling associated with its portfolio of gas-fired combined cycle power plants. A custom economic model provided the client with insight into the financial implications of specific operating decisions.

### ***Solar Power Developer***

For a solar power developer, MJB built a multi-state financial model showing the investment cash flows and returns on a portfolio of solar power DG development projects calibrated to local power prices and incentives.

### ***Mid-West Generator***

As part of the valuation and due diligence process for a gas-fired combined cycle power plant, MJB analyzed the plant's outstanding power purchase, maintenance service, credit, power marketing, and gas supply agreements for (a) sources of operational and cash flow risk and (b) refinancing options that would impact the valuation.

## Strategy

Effective strategy builds on quality analysis and deep industry experience. MJB brings both to bear for its clients.

- **Corporate & Business Unit**
- **City and Municipal**
- **Regulatory**
- **Asset Management**

### ***City Government Agency***

MJB assisted in the update of the Energy and Climate chapters of PlaNYC, New York City's long-term sustainability plan. The project examined areas of the plan associated with the City's energy supply portfolio and its various demand reduction initiatives.

### ***Regional Power Authority***

MJB, in partnership with another advisory firm, prepared a strategic, financial, and operational assessment of a large power authority's options regarding its long-term organizational structure. These options included privatization, full municipalization, or a continuation of its existing structure but under a more self-contained organizational construct.

### ***Mid-Atlantic Generator***

MJB undertook a financial analysis of the legal, environmental, tax, and financial impacts underlying the potential demolition of certain retired or soon-to-be retired generation units. The client had a number of sites with both active and retired units, where demolition would allow for anticipated portfolio expansion.

## Operations

Regulatory, financial, and environmental concerns all impact the assessment of business operations. MJB's industry experience provides the perspective to do so quickly and effectively.

- **Organizational Design**
- **Operations Improvement**
- **Benchmarking**
- **Project Management**

### *Distribution Utility*

MJB assisted two NY electric utilities prepare for a New York Public Service Commission audit of their electric reliability tracking and reporting processes. Under a highly compressed schedule, MJB reviewed the companies' processes, described areas of compliance with New York PSC regulations, identified areas for improvement, and performed a general risk assessment.

### *Utility Transmission Organization*

MJB assisted a large utility's capital projects group, responsible for a multi-year capital program exceeding \$5 billion, with a detailed examination of pre-program implementation operational procedures and policies, organizational structure, reporting and communication protocols, and performance metrics and service agreements.

### *Biomass Developer*

A technology company seeking to develop a 55 MW power plant as a commercially viable flagship for its biomass gasification technology turned to MJB for project management assistance. MJB supported client staff with project schedule development, risk and issues identification, and communication to senior management and the Board of Directors.

## REPRESENTATIVE CLIENTS





111 Rockingham Road  
Cherry Hill, NJ, 08034  
+1 609-707-2233  
[info@mjbeckconsulting.com](mailto:info@mjbeckconsulting.com)