

# Clean Energy Analytics, LLC

Clean Energy Analytics, LLC (CEA) is a consulting firm serving the transformational needs of energy industry moving to a clean energy economy. Our mission is to provide project development insights through in-depth data analytics; policy assessment and its impact on project economics; risk evaluation and mitigation; financing options and research. We assist clients in developing clean energy projects and participate in strategies based on updated energy markets assessment and outlook, utilizing sound energy resources and financing options.

Our extensive experience includes working with energy developers, financial institutions, regulatory agencies, utilities and commercial facility owners. We are active members of [NEPOOL](#) and [The Northeast Energy and Commerce Association](#).



## Services

CEA services include: short-term regional market and price analysis for electricity and natural gas; renewables and energy storage resource valuation and optimization; project policy recommendations; research reports; new technology investigations; SmartGrid and DER assessment; and asset evaluation and investment opportunity analysis.

### Short-term Price and Market Assessment

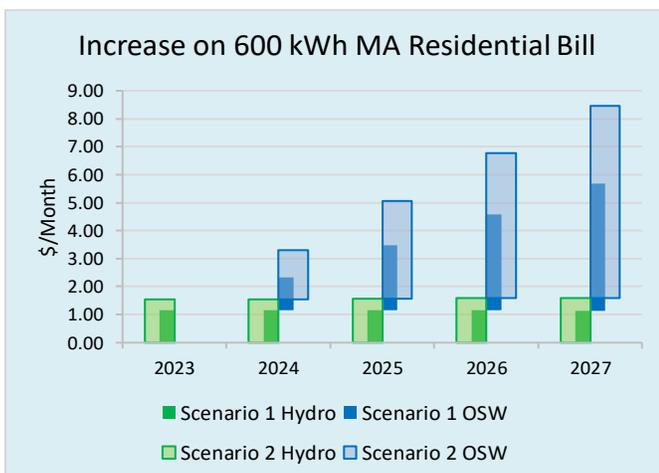
- Electricity
- Natural Gas
- Renewable Energy Certificates (RECs)
- Emission allowances

### In-depth Data Analysis

- Strategic Resource Plans
- Industry Research Reports
- Risk assessment
- Renewables: i.e. wind, solar and storage
- Distributed Energy Resources (DER)
- Energy Efficiency Enhancement
- SmartGrids and MicroGrids

### Project Support

- Project Feasibility Assessment
- Negotiations
- Regulatory Support and Public Presentations
- Market Strategy
- Market Based Asset Pricing
- Investment Opportunity Analysis
- Policy and Project Evaluation
- Project Financing
- Strategic Partnership
- Energy Sourcing
- Due Diligence



## Prior Work Examples

- *Primer on Storage plus Solar Energy*
- *NJ SREC market assessment and outlook*
- *“The Benefits and Costs of 2016 Massachusetts Clean Energy Legislation (H-4568)”*
- *Directed Massachusetts Carbon Tax Study*
- *Directed Massachusetts Low Gas Demand Study*
- *Massachusetts DOER representative to three state clean energy RFP process*
- *Strategy and analytical framework model for REC’s and emission allowances by region/state*
- *Trading and hedging strategies for RECs and emission allowances*
- *Comprehensive PPA restructuring strategies to maximize equity value and utility cost savings*
- *Public forum chair on increasing Michigan’s renewable portfolio strategy*
- *Training proposal for advanced storage industry innovation cluster*
- *LED market strategy for a commercial contractor*
- *Investigation of carbon sequestration for enhanced oil recovery (EOR)*
- *Feasibility study of Brazilian bagasse biofuel-fired cogeneration plants*
- *Joint venture development for a Philippines geothermal plant*



## Principals

CEA principals are experienced in all areas of renewable energy and energy infrastructure investment plans with over 25 years each. The three principals possess both Engineering and MBA degrees.

**Farhad Aminpour** is the founding principal of Clean Energy Analytics, LLC, providing management consulting and strategic planning to various participants throughout the energy industry. Farhad specializes in the market analysis of energy industry commodities including electricity, natural gas, renewable energy markets (RECs and SRECs) and emissions allowances. He is currently engaged by the New York State Energy Research and Development Authority (NYSERDA) to provide Independent Evaluator services to assist NYSERDA in the evaluation of various clean energy proposals submitted by developers/vendors related to the areas of financing, permitting, interconnection, supply chain, risk assessment, technical analysis, and analytical modeling. Prior to CEA, Farhad most recently held the position of Director for the Energy Markets Division, Massachusetts Department of Energy Resources. Prior positions include: Director of Merchant Asset Management at Edison Mission Marketing and Trading and Vice President, Project Finance and Asset Restructuring at Citizens Lehman Power.

**Roland Scott** specializes in investment decisions and business development advising. He has conducted investigations of energy storage, distributed wind energy, solar markets, data facilities energy management, fuel cells, hydrogen markets, pipeline gas turbine technology and global markets oil drilling technologies, and the SmartGrid. Prior positions include Vice President of Sales and Marketing for a small wind turbine startup, Associate Director for the Michigan Alternative and Renewable Energy Center, and CEO of a telecom startup.

**Yamin Afshar** has over 35 years of management, business development, engineering and project finance with energy-related E&C firms, equipment suppliers, owners and operators of energy projects. As General Manager of the Trigen Atlanta Energy Corporation, he supervised operations for delivery of chilled water and related services for a large mixed-use development project. Prior position includes; Senior Vice President of Development for Cogentrix Energy and Vice President Development and Marketing Parsons Main International. for a large mixed-use development project.