

Hadiza Felicien

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

San Francisco, CA

Consultant

Hadiza Felicien joined E3's bulk grid group in 2020, where she helps evaluate the viability of clean energy asset transactions and decarbonization objectives. Hadiza's experience in finance along with her engineering background afford her a unique perspective regarding the evaluation of GHG-free assets and technology. Before earning her master's degree in Civil and Environmental Engineering with an emphasis in energy infrastructure at Stanford, she worked at Goldman Sachs in financial compliance. Hadiza also holds an undergraduate degree in Civil and Environmental Engineering from UCLA.

Some recent E3 projects include:

- **Western Gas Plant Benchmarking** – Supported investment firm considering acquisition of gas plants within the Western U.S. by comparing selected gas plants across qualitative and quantitative economic and operational metrics.
- **Western Market Solar and Storage Due Diligence** - Provided due diligence support for a private equity firm considering investment in large solar and storage assets in Southern California which included analyzing, forecasting and back casting wholesale and contracted market revenue and returns
- **Grid Emissions Calculator** - Developed a spreadsheet-based dispatch tool to estimate future grid emissions from forecasted day ahead market prices. This tool is used by all load serving entities as part of their filings in the California CPUC's Integrated Resource Planning process.
- **Large Scale Utility Due Diligence** – Developed tools and assumptions to forecast utility costs and revenue requirements for two major utilities in the Pacific Northwest under multiple climate and energy policy scenarios as part of buy-side private equity transactions.
- **Community Solar Cost and Adoption Forecasting** – Worked with a major state agency in the Northeastern US to estimate state monetary support needed to encourage the development of several GW of community solar
- **Market Price Forecasting** - Forecasted long-term market prices for 2020 through 20250 for day-ahead and real-time energy, as well as ancillary services, for CAISO, with emphasis on identifying the implications of different long-term market scenarios on the potential revenue for new battery storage development.

GOLDMAN SACHS & CO

Analyst

September 2017 – September 2018

- Identified high risk commodity, equity and foreign exchange trades using Excel and internal systems

- Worked with internal and external counterparties to restructure bespoke and high-risk transactions in order to comply with SEC regulations
- Conducted financial analysis on high risk and flagged transactions to ensure SEC compliance using Excel
- Conducted large scale data analysis on thousands of financial transactions using Excel and internal systems to identify and resolve high risk trades

Education

Stanford University Stanford, CA
M.S., Sustainable Design and Construction, Focus on Energy 2020

University of California, Los Angeles Los Angeles, CA
B.S., Civil Engineering 2017

Citizenship

St. Lucia