

Weston Bargholz

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

New York, NY

Consultant

Mr. Bargholz supports E3's Asset Valuation and Markets group, completing strategy analysis, transaction diligences, and forecasting to support investors and developers for many distributed resources. His work includes strategy and market analysis for solar and storage developers as well as supply-demand work, particularly in the California resource adequacy market, to identify areas of capacity surplus or shortfall. He has contributed to E3's work on community solar program analysis, retail rates forecasting, storage revenue and cost forecasts, market price forecasting, and transaction diligences, as well as research and analysis on both data center load growth and transmission expansion.

Prior to joining E3, Mr. Bargholz worked for Nexamp as a Senior Analyst where he mixed quantitative and qualitative work pertaining to energy price forecasts, new market entry strategies, and program viability analysis. As a member of the Market Strategy and Analytics team, he led research into emerging markets and policy developments. Prior to joining Nexamp, he completed an M.Sc. from University College London and he also holds a B.Sc. in Finance from the College of New Jersey.

Select E3 projects include:

New York Value of Distributed Energy Resources Proceeding Support (2023-present). Supported development and improvements for the Value of Distributed Energy Resources (VDER) calculator for New York. Updated off-the-shelf VDER forecasts including the addition of the first standalone storage revenue and cost forecasts across New York State.

Confidential Generation Asset Owners, California Resource Adequacy (RA) Market Analysis (2024). Provided support for two companies with gas plants interested in the CA RA market especially the future value of existing generation assets relative to the potential value of storage at the same site. Led E3's supply-demand analysis as well as technical and market research analysis.

Market Entry Analysis for Confidential Solar and Storage Developers (2023-2024). Examined capacity needs and upcoming programs in support of market entry analysis for renewables developers. Aligned developer business models to key opportunities. Identifying potential sites that should be advanced for development.

Transaction Due Diligence for Confidential Renewable Investors (2023-2024). Supported transaction due diligences for investors. Analysis included research into financial models and markets, affirmation of assumptions, alignment of the client's internal views of market, and confirmation of reasonable project pipelines. Contributed to in-depth analysis of financial models, strategies, and forecasts.

Confidential Client, Market Integration Analysis (2023). Completed research on proposed transmission projects, their costs, and their impact on the supply-demand balance for the load pockets to which the

lines would be connected. Examined specific lines and projects that could play a role in expanding transmission access.

NEXAMP

Senior Analyst, Market Strategy & Analytics
Analyst, Market Strategy & Analytics

New York, NY
November 2021 – August 2023
December 2019 – November 2021

- Led research and analysis into emerging markets and policy developments, articulated their impacts on project economics, market viability, and risk management strategies to upper management and investors
- Worked cross-functionally and with third party sources to integrate market outlooks and assumptions into asset deployment strategies and the modeling of revenue streams
- Led the analysis and writing of papers concerning Massachusetts's Clean Peak Standard which inform the company on the program, resourced dispatch strategies, and the economics of different project configurations; the papers and presentations were published internally, distributed to the entire company, and presented to the development teams and investment committee
- Led the building of an internal revenue calculator in Excel for the Alternative 3 component of New York's Value of Distributed Energy Resources (VDER); ensured accuracy by aligning the calculator with the VDER market structure, capacity price forecasts, and by collaborating with the Storage team to align and integrate battery dispatch strategies and with the Finance team to integrate the revenue forecasts into the financial model
- Led the migration of revenue streams (wholesale prices, retail rates, capacity prices, RECs) into a database for financial modelling, dispatch optimization, and revenue analysis; responsible for consistent, high-quality data and the harmonization of revenue types and market structures with downstream use cases

THE COLLEGE OF NEW JERSEY, DEPARTMENT OF MANAGEMENT

Research Assistant

Ewing, NJ
January 2018 – May 2018

- Worked with Dr. Jinsil Kim on paper "Divergent Learning Effects from Alliance Experience and Cross-Border M&A Entries"

THE COLLEGE OF NEW JERSEY, DEPARTMENT OF ECONOMICS

Research Assistant

Ewing, NJ
October 2017 – May 2018

- Worked with Dr. Bozena Leven on paper "Middle-Income Trap – Threat or Reality?"

POINT PLEASANT BOROUGH ENVIRONMENTAL COMMISSION

Environmental Policy Intern

Point Pleasant, NJ
May 2017 – September 2017

- Researched sustainability actions to be taken by Point Pleasant in pursuit of Sustainable Jersey certification, presented findings to Environmental Commission members, and represented the Commission at the 2017 NJ Sustainability Summit

Education

University College London
M.Sc., Economics and Policy of Energy and the Environment

London, UK
2019

The College of New Jersey
B.Sc., Finance

Ewing, NJ
2018