

# Drew Gray

Bentonville, AR · (501) 276-0927 · drewgray@gmail.com · linkedin.com/in/drew-gray-b09ba426

## PROFILE

Energy trader with 15+ years designing the SCED/SCUC optimization engines that ISOs use to clear markets and calculate prices. \$38M+ personal trading P&L. Built automated bidding systems from scratch. Expert in translating grid physics and nodal constraints into quantitative trading strategies.

## EXPERIENCE

### REV Renewables

Head of Trading, West

Bentonville, AR

Aug 2022 – Jan 2026

- Led commercial strategy for 750MW / 2.5GWh BESS portfolio in CAISO; \$100M+ annual revenue
- Generated \$38M+ personal trading P&L via ICE hedging and directional positions (\$7.5M in '23, \$1M in '24, \$15M in '25, plus \$15M unrealized on '26–'27 forwards)
- Built end-to-end automated bidding systems—price forecasting, congestion modeling, bid optimization
- Originated structured swaps; led congestion analysis guiding capital deployment across the US

### EDF Renewables

Associate Director, Solar & Storage Product Management

Bentonville, AR

Aug 2020 – Aug 2022

- Built algorithmic bidding platform for BESS: price forecasting, ancillary co-optimization, arbitrage execution
- Led cross-market strategy across CAISO, ERCOT, and PJM; collaborated with regional traders on dispatch
- Partnered with Origination and Capital Markets on project valuation via fundamental grid analysis

### Walmart

Senior Manager II, Renewable Energy Origination

Bentonville, AR

May 2019 – Aug 2020

- Procured 1+ TWh renewable energy via VPPAs; built optimization tools for 4,000+ site BTM portfolio
- Collaborated with Texas Retail Energy on wholesale risk management across ERCOT, PJM, and NYISO

### GE Grid Solutions / Alstom Grid

Senior Market Systems Project Engineer

Redmond, WA

Jun 2014 – May 2019

- **The Edge:** Lead developer for SCED/SCUC software ISOs use to clear markets—intimate knowledge of how constraints bind, shadow prices form, and LMPs are set
- Primary focus SPP; also delivered market systems for PJM, ISO-NE, MISO, and Transpower (New Zealand)
- Redesigned systems for FERC compliance; gained insider understanding of market protocols

### Southwest Power Pool

Senior Engineer

Little Rock, AR

Jan 2008 – May 2014

- Key contributor to design and testing of the Integrated Marketplace (DA/RT); ensured optimal pricing
- Built tools to visualize market results and diagnose pricing anomalies—directly transferable to finding alpha

## CORE COMPETENCIES

**Markets** CAISO, SPP (deep expertise); ERCOT (active focus); PJM, MISO, ISO-NE, NYISO (familiar)

**Technical** Python, SQL, C#, C++, AIMMS, Java

**Grid Systems** SCED, SCUC, LMP Mechanics, Congestion Analysis, FERC 841/831

## EDUCATION

### University of Arkansas

B.S. Electrical Engineering

Fayetteville, AR

Dec 2007