
EDUCATION

University of Southern California, Marshall School of Business **Los Angeles, CA**
Master of Business Administration (MBA) 2002

University of California, San Diego **San Diego, CA**
Bachelor of Arts: Quantitative Economics & Decision Sciences (QEDS) 1994
• Minor: Spanish Literature

PROFESSIONAL EXPERIENCE

Bonneville Power Administration **Portland, OR**

Acting Vice President of Bulk Marketing July 2021 – Present

- The Bulk Marketing organization is responsible for long and short-term marketing of surplus power including reserve services marketing, transmission acquisition, resource acquisition, carbon allowance purchases and power scheduling.
- Responsible for non-requirements power marketing functions, including sales, purchases, and account servicing in the bulk power, reserves, transmission, and financial futures markets.
- Areas of responsibility include Pacific Northwest (PNW) wholesale marketers; utilities outside the PNW; and all active wholesale marketers and brokers in the Western Systems Coordinating Council (WSCC), both inside and outside the PNW, including Canadian and California markets.
- represent Power Services in market design and policy forums and acts as Power Services' liaison with Western Electric Coordination Council (WECC), Western System Power Pool (WSPP), and market operator(s) in the West including the real-time and day-ahead markets of the California Independent System Operator (CAISO).
- Represent Power Services in transmission policy forums and acts as Power Services' liaison with Transmission Services, the CAISO, and other WSCC transmission parties.
- Responsible for all Power Services resource acquisitions and for managing BPA's renewable resource program

Trading Floor Manager Jan 2010 – July 2021

- Responsible for supporting, motivating, and empowering a diverse team of energy traders, a policy lead, a Tier-4 Supervisor, and a system Product Owner to collaborate with internal/external stakeholders to ensure employees, managers, and executives have the information they needed to make informed policy and commercial decisions.
- Created a Trading Floor Rules of Engagement (RoE) Manual that consolidated Risk Oversight Committee (ROC) approved inventory position limits, Bulk Marketing (PT) business practices, and BPA statutes in one location for training and easy reference.
- Successfully led cross-agency teams of marketing, CAISO and transmission experts to expand BPA marketing activity to include the CAISO regulation market, bilateral transactions in the desert southwest, and bilateral capacity sales to generation only Balancing Authorities in the pacific northwest.
- Responsible for ensuring traders have the decision support tools and training necessary to develop, negotiate and administer wholesale physical power contracts, financial power contracts, and options.
- Provide subject matter expertise and lead sponsorship support to a number of GridMod projects geared towards ensuring employees have the training, software systems and decision support tools necessary for EIM participation.
- Led the reorganization of the PT Real-Time Scheduling (PTKR) and Trading (PTFR) groups into a single workgroup (PTFR) to promote cross-training, teamwork, and problem solving in the Real-Time work environment.
- Represent BPA externally at WSPP and WPTF industry committees, at PPC and NWPP customer meetings, and presented information at CAISO stakeholder meetings to share information and to advocate for policy and market design initiatives that impact the value of the BPA hydro system.
- Lead teams and empower employees to pursue new markets and energy products that seek to capture the unique physical and low carbon value of the BPA hydro system valued in excess of \$300 million per year.

Real Time Supervisor

Jan 2007 – Jan 2010

- Provide direction and leadership to real time traders in the development of hourly and within-hour trading strategies and goals.
- Proactively developed new hourly power products and enhancements to deal capture, trading platform and scheduling system required to trade and schedule power in the real time horizon.
- Worked with Trading Floor manager and Day-Ahead traders to identify and implement trading strategies that optimize the value of the BPA hydro system between the Day-Ahead and Real-Time marketing time horizons.

Day-Ahead Trader

Dec. 2004 – Jan 2007

- Buy/Sell electricity in the Day-Ahead and Balance-of-Month power markets.
- Advise and assist management in achieving Agency's secondary revenue target.
- Daily management of inventory portfolio in excess of \$300 million.

Financial Risk Analyst

June 2002 – Dec. 2004

- Built and maintained statistical models that measure the risks associated with BPA's electricity portfolio of committed deals (VaR, MtM, Net Revenue@Risk, Ect.).
- Presented analysis and portfolio management strategies to senior management to hedge weather and market risks.
- Provided P/L reports and forecast the Trading Floor's fiscal year and rolling 12-month net revenues.

ADDITIONAL INFORMATION

- Utility Management Certificate (UMC) - Willamette Valley University (2010)
- Two-time Collegiate National Soccer Champion (1991 and 1993).