
Elliot Ethan Mainzer

President and Chief Executive Officer

California Independent System Operator

250 Outcropping Way, Folsom, CA 95630

PROFESSIONAL EXPERIENCE

10/20 – Present President and CEO, California Independent System Operator, Folsom, CA

Provide overall leadership and strategic direction for FERC-regulated public benefit corporation responsible for maintaining reliability of the bulk transmission system covering eighty percent of California.

- ✦ Through partnership with state regulatory agencies, load serving entities, independent power producers and new technology providers, have on-boarded approximately 25,000 MW of new generation and storage resources over the past 4 years, significantly improving the resource adequacy picture in California.
- ✦ Transformed CAISO's long-term transmission planning and interconnection queuing processes in line with FERC reforms and resulting in much greater efficiency and coordination of power and transmission planning, interconnection queuing and resource procurement. Have awarded over 65,000 MW of transmission deliverability in recent years.
- ✦ Onboarded nation's largest fleet of four-hour lithium batteries and refined CAISO market design to align battery dispatch with reliability needs of the grid.
- ✦ Led broad stakeholder engagement to develop new Extended Day-Ahead Market (EDAM) which was approved by FERC in 2024 and will go live in 2026.

4/02 – 8/20 Bonneville Power Administration, Portland, OR

7/13 – 8/20 Administrator and CEO

Provide overall leadership and strategic direction for 4,000-employee federal power marketing administration with a wide-ranging public service mission, including operating 15,239 miles of high voltage transmission, marketing \$4 billion/year of power and transmission capacity to utilities throughout the Pacific Northwest, California and Canada, and administering a \$100mm/year energy efficiency program and a \$300 mm/year fish and wildlife program.

- ✦ Transformed BPA's safety culture and practices, resulting in best safety performance in the agency's history (2019 OSHA DART rate of .3).
- ✦ Achieved significant improvements in employee engagement and morale through focus on leadership behaviors, diversity and inclusion, field visits, and consistent communication.
- ✦ Strengthened BPA's long-term competitiveness through aggressive program cost reductions (\$66 mm/year), development of new revenue opportunities, improved financial liquidity and a reduction in agency's debt to asset ratio.

- ✦ Established and sponsored BPA’s Grid Modernization Initiative, resulting in >\$100mm in investments in commercial operating systems essential to BPA’s participation in the evolving electricity market.
- ✦ Transformed BPA’s Transmission Services business unit into a more agile and responsive organization through the negotiation of a new open access tariff, expansion of non-wires transmission planning capabilities and establishment of performance metrics for customer responsiveness.
- ✦ Served as Co-Lead with USACE and USBOR for development of the Draft EIS for the Columbia River System Operations Review, establishing a preferred alternative that seeks to balance salmon survival, power system flexibility and affordability, navigation, irrigation and water supply across the Columbia River Basin.
- ✦ Successfully managed key relationships with multiple partners and stakeholders, including US DOE, US Department of State, Members of Congress, Tribal Leaders, FERC, WECC, NERC, Western Governor’s Association, PUCs, IOU CEOs, Public Power GMs, CAISO, independent power producers, union representatives, major environmental organizations, federal agencies, and other electric industry interests.
- ✦ Chair, US Entity for the renegotiation of the Columbia River Treaty.

1/13 – 6/13

Acting Deputy Administrator

Served as principal policy and strategy advisor to the Bonneville Administrator and CEO.

- ✦ Provided leadership and direction to BPA’s Corporate Strategy, Finance, Communications, Risk Management and Compliance Functions.
- ✦ Led BPA’s early engagement with CAISO and PacifiCorp in the establishment of the Western Energy Imbalance Market, with a focus on data transfer and transmission utilization.

10/08 – 12/12

Executive Vice President, Corporate Strategy

Led and directed BPA’s Strategic Planning and Asset Management functions, including development of strategic objectives, balanced scorecard, key agency targets and business cases for major capital investment decisions totaling several hundred million dollars annually.

- ✦ Led development and execution of cross-agency strategy on critical regional issues including renewables integration, market design, integrated power and transmission planning, and climate change.
- ✦ Served as lead Executive Sponsor for BPA’s Wind Integration Team, which successfully developed new business practices and operational procedures that enabled 4,700 MW of wind power on the BPA system – one of the highest concentrations of wind energy in the United States.
- ✦ Provided executive oversight of BPA’s \$15mm/year Technology Innovation Program, focused on advancements in demand response, state awareness and grid stability.
- ✦ Administered \$22 mm annual staff/operations budget with 34 FTE, 3 reporting managers.

1/07 - 10/08

Manager, Transmission Policy and Strategy (BPA Transmission Services Organization)

Provided leadership and direction to 30 employees responsible for developing BPA

Transmission Services' Open Access Transmission Tariff, rates, and commercial business strategy.

- ✦ In collaboration with internal and external stakeholders, led development and implementation of BPA's first Network Open Season, which resulted in a completely new and improved approach to subscribing and constructing transmission facilities. BPA's first Network Open Season resulted in 4,800 MW of new transmission contracts and the construction of the \$150 mm McNary-John Day transmission line which enabled the integration of several hundred additional megawatts of wind generation onto the BPA system.
- ✦ Led a modernization of Transmission Services' tools and systems for revenue forecasting, resulting in significant operational improvements in forecasting accuracy and timeliness.

5/06 – 1/07

Project Manager, Northwest Wind Integration Action Plan

Led development of the Northwest Wind Integration Action Plan in collaboration with utilities, policymakers, and environmental organizations throughout the Pacific Northwest.

- ✦ Action Plan identified 16 specific operational and infrastructure enhancements to enable the integration of up to 6,000 MW of wind energy called for by 2023 in the NW Power and Conservation Council's 5th Plan.
- ✦ The Northwest Wind Integration Action Plan was actively implemented through the Northwest Power and Conservation Council and other regional organizations, meeting the Council's 6,000 MW target ten years ahead of schedule.

10/05 – 5/06

Trading Floor Manager, Bulk Marketing (BPA Power Services Organization)

Provided leadership and direction to 18 employees engaged in power trading, market analysis, transmission procurement and contract administration.

- ✦ Managed BPA's secondary energy portfolio with annual revenue target in excess of \$550 mm.
- ✦ Worked closely with Operations Planning and Risk Management to hedge BPA's exposure to fluctuating hydro, nuclear and market conditions within proscribed risk limits.
- ✦ Supervised price forecasting, fundamentals analysis and valuation of all energy and capacity products developed by the Bulk Hub for marketing in the wholesale electricity market.
- ✦ In an effort to improve operational excellence, implemented a set of trading floor modernization policies and practices that contributed to an FY2006 all-time BPA surplus revenue record of \$695 million.

4/05 – 10/05

Acting Vice President, Bulk Marketing (BPA Power Services Organization)

Provided leadership and direction to 60 employees with responsibility for secondary energy marketing, product development, market analysis, transmission procurement, contract administration, and merchant power sector business relationships.

- ✦ Managed \$7.7 mm Bulk Hub internal operations budget and 5 Tier 3 Managers.
- ✦ Served as member of Executive Board, Industry Restructuring Steering Committee, and Transaction Risk Management Committee.

- 4/02 – 4/05 Manager, Pricing, Transaction Analysis and Renewables (Power Services) †**
Supervised group of 10 analysts with responsibility for performing full range of pricing and transaction analysis for Bonneville’s Bulk Marketing division.
- † Administered \$1.43 mm staff/operations budget and provided management oversight for Bulk Hub price and revenue forecasting, power portfolio analytics, medium-term augmentation strategy, transaction structuring with Direct Service Industries and Investor Owned Utilities, and renewable product pricing.
 - † Administered \$21 mm Renewables Facilitation Program and guided Power Services’ renewables policy development.

1998 – 2001 Enron Corp., Portland, OR and Houston, TX

4/01 – 12/01 Manager, Renewable Power Desk, West Power, Enron North America

4/00 – 4/01 Manager, Power Structuring Desk, West Power, Enron North America

9/98 – 4/00 Associate, Analyst and Associate Rotational Program

**8/91 – 7/95 Wellness Guide Project
School of Public Health, University of California, Berkeley**

EDUCATION

Yale School of Management New Haven, CT
Master of Business Administration (MBA) in Finance, 1998

Yale School of Forestry & Environmental Studies New Haven, CT
Master of Environmental Studies (MES), 1998

University of California, Berkeley Berkeley, CA
B.A. Geography, 1989. Magna Cum Laude

San Francisco University High School San Francisco, CA
Diploma, 1984

School for International Training Brattleboro, VT
Study abroad program in India, 1987

American Leadership Forum of Oregon
Senior Fellow, 2013

University of Idaho Utility Executive Course
Diploma, 2012

RECENT AND PAST BOARD MEMBERSHIPS

Policy Board, Veloz

Board of Directors, Electric Power Research Institute

Board of Directors, Bonneville Environmental Foundation

Board of Directors, Utility Wind Integration Group, 2004 – 2009

Co-Chair, Western Electric Industry Leaders Group (WEIL)

TEACHING ACTIVITIES

Guest Lecturer on Renewable Energy Integration, Transmission Business School, University of Illinois

Guest Lecturer on Northwest Energy Policy, Portland State University

Guest Lecturer on Grid Operations and Reliability, Stanford University

OTHER INTERESTS

Avid reader of history and political economics. Extensive travel experience throughout Asia, Latin America, Africa, Russia, and the South Pacific. Jazz saxophonist. Father of twin 16-year old boys.