



Buck B. Endemann

Partner

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OVERVIEW

Buck Endemann is a partner in the firm's power and environmental practice groups and focuses on developing, buying, and selling renewable energy projects throughout the Western United States, with an emphasis on California. He provides comprehensive counseling on energy, energy storage, infrastructure and remediation projects and regularly advises clients on air, water, species, waste and land use issues, and represents clients in related litigation and administrative proceedings. Buck has a particular expertise before the California Public Utilities Commission and counsels clients on California Independent System Operator (CAISO) issues. He also is involved in the firm's bioenergy initiative and helps clients navigate the federal Renewable Fuel Standard and California's Low Carbon Fuel Standard.

Buck speaks and writes regularly on a number of renewable energy and cleantech issues, and is the editor of the firm's Energy Storage Handbook. He also authors the K&L Gates Energizer, a biweekly newsletter summarizing developments in distributed energy resources, electric vehicles, and energy blockchain technology. He is a current board member of the Center for Sustainable Energy and serves as secretary of the San Francisco Bay Area Chapter of Young Professionals in Energy.

PROFESSIONAL BACKGROUND

Prior to joining the firm, Buck worked with an environmental and energy practice in the San Francisco office of an international law firm. He also worked in the environment, land and resources department in the San Diego office of an international law firm. From 2007-2008, Buck was a law clerk for the Honorable Thomas J. Whelan, U.S. District Court Judge for the Southern District of California.

ACHIEVEMENTS

- Award of Merit, Bar Association of San Francisco (November 2016)
- Super Lawyers, Environmental and Energy (2014-2016, 2018)
- Rising Star Recent Alumni Award, University of San Diego School of Law (November 2014)

PROFESSIONAL / CIVIC ACTIVITIES

- Board of Directors, Center for Sustainable Energy
- Director, Alumni Board, University of San Diego School of Law
- Secretary, Young Professionals in Energy, San Francisco Bay-Area Chapter
- Past President and Board Chair, KIPP Adelante Preparatory Academy (2009-2013)

SPEAKING ENGAGEMENTS

- Presenter, ESG: Legal Perspectives on Responsible Farmland Ownership and Operations, American Agricultural Law Association 2020 Annual Agricultural Law Symposium, November 2020 (Webinar)
- Presenter, Energy Storage Project Development: An Overview of Key Policy, Finance, and Development Issues with K&L Gates, June 19, 2019
- Let's Make a Deal: Wind + Storage, AWEA Windpower Conference, May 20-23, 2019
- Understanding Venture Capital Financings, Direct Energy, May 21, 2019

EDUCATION

- J.D., University of San Diego School of Law, 2007 (*magna cum laude*; *Order of the Coif*; *lead articles editor, San Diego Law Review*)
- B.A., Wake Forest University, 2000

ADMISSIONS

- Bar of California

THOUGHT LEADERSHIP POWERED BY HUB

- 13 May 2021, The Energizer – Volume 89 (*Alerts/Updates*)
- 28 April 2021, Blue Economy - Part 1: Offshore Wind Energy Development in the West (*Webinar*)
- 22 April 2021, The Energizer – Volume 88 (*Alerts/Updates*)
- 8 April 2021, The Energizer – Volume 87 (*Alerts/Updates*)
- 22 March 2021, The Energizer – Volume 86 (*Alerts/Updates*)
- March 2021, Environmental Landscape 2021: The Biden Transition (*Webinar*)
- 10 March 2021, California's Role in the Hydrogen Economy (*Podcast*)

- 9 March 2021, The Energizer – Volume 85 (*Alerts/Updates*)
- 22 February 2021, The Energizer – Volume 84 (*Alerts/Updates*)
- 5 February 2021, The Energizer – Volume 83 (*Alerts/Updates*)
- 4 February 2021, Washington State Legislature Considers First of Its Kind State-Level Natural Gas Ban (*BlogPost*)
- 2 February 2021, California Bill Seeks Additional Greenhouse Gas Disclosures from Major Public Corporations (*Alerts/Updates*)
- 22 January 2021, The Energizer – Volume 82 (*Alerts/Updates*)
- 7 January 2021, The Energizer – Volume 81 (*Alerts/Updates*)
- 21 December 2020, The Energizer – Volume 80 (*Alerts/Updates*)
- 3 December 2020, The Energizer – Volume 79 (*Alerts/Updates*)
- 16 November 2020, Energy Storage Handbook Vol. 6 (*Alerts/Updates*)
- 12 November 2020, The Energizer – Volume 78 (*Alerts/Updates*)
- 27 October 2020, The Energizer – Volume 77 (*Alerts/Updates*)
- 9 October 2020, The Energizer – Volume 76 (*Alerts/Updates*)
- 25 September 2020, The Energizer – Volume 75 (*Alerts/Updates*)
- 23 September 2020, FERC Issues Landmark Order No. 2222 to Facilitate the Participation of Distributed Energy Resources in Wholesale Markets (*BlogPost*)
- 14 September 2020, The Energizer – Volume 74 (*Alerts/Updates*)
- 28 August 2020, The Energizer – Volume 73 (*Alerts/Updates*)
- 17 August 2020, The Energizer – Volume 72 (*Alerts/Updates*)
- 30 July 2020, The Energizer – Volume 71 (*Alerts/Updates*)
- 18 July 2020, FERC Updates PURPA Rules and Dismisses Petition to Declare Jurisdiction over Net-Metering Sales (*BlogPost*)
- 16 July 2020, The Energizer – Volume 70 (*Alerts/Updates*)
- 2 July 2020, The Energizer – Volume 69 (*Alerts/Updates*)
- 22 June 2020, The Energizer – Volume 68 (*Alerts/Updates*)
- 18 June 2020, FERC Announces Conferences on Carbon Pricing and Offshore Wind in RTOs/ISOs (*BlogPost*)

- 4 June 2020, The Energizer – Volume 67 (*Alerts/Updates*)
- 21 May 2020, The Energizer – Volume 66 (*Alerts/Updates*)
- 8 May 2020, The Energizer – Volume 65 (*Alerts/Updates*)
- 28 April 2020, UPDATED: The Nation Goes the Way Montana Goes? Nationwide Permit 12 Vacatur and Injunction (*BlogPost*)
- 27 April 2020, The Energizer – Volume 64 (*Alerts/Updates*)
- 9 April 2020, The Energizer – Volume 63 (*Alerts/Updates*)
- 12 March 2020, The Energizer – Volume 62 (*Alerts/Updates*)
- 21 February 2020, The Energizer - Volume 61 (*Alerts/Updates*)
- 6 February 2020, The Energizer - Volume 60 (*Alerts/Updates*)
- 23 January 2020, The Energizer – Volume 59 (*Alerts/Updates*)
- 21 January 2020, California Advances State Microgrid Policy (*Alerts/Updates*)
- 9 January 2020, The Energizer - Volume 58 (*Alerts/Updates*)
- 13 December 2019, The Energizer - Volume 57 (*Alerts/Updates*)
- 15 November 2019, The Energizer - Volume 56 (*Alerts/Updates*)
- 31 October 2019, The Energizer - Volume 55 (*Alerts/Updates*)
- 28 October 2019, 2019 Offshore Wind Handbook (*Alerts/Updates*)
- 21 October 2019, The Energizer - Volume 54 (*Alerts/Updates*)
- 4 October 2019, The Energizer - Volume 53 (*Alerts/Updates*)
- 18 September 2019, The Energizer - Volume 52 (*Alerts/Updates*)
- 29 August 2019, The Energizer - Volume 51 (*Alerts/Updates*)
- 15 August 2019, The Energizer - Volume 50 (*Alerts/Updates*)
- 1 August 2019, The Energizer - Volume 49 (*Alerts/Updates*)
- 18 July 2019, The Energizer – Volume 48 (*Alerts/Updates*)
- 20 June 2019, The Energizer – Volume 47 (*Alerts/Updates*)
- 6 June 2019, The Energizer – Volume 46 (*Alerts/Updates*)
- 23 May 2019, The Energizer – Volume 45 (*Alerts/Updates*)
- 9 May 2019, The Energizer – Volume 44 (*Alerts/Updates*)

- 25 April 2019, The Energizer – Volume 43 (*Alerts/Updates*)
- 11 April 2019, The Energizer – Volume 42 (*Alerts/Updates*)
- 29 March 2019, The Energizer – Volume 41 (*Alerts/Updates*)
- 14 March 2019, The Energizer - Volume 40 (*Alerts/Updates*)
- 20 December 2018, What's Next for California's Low Carbon Fuel Standard? (*BlogPost*)
- 6 December 2018, Blockchain Energizer – Volume 39 (*Alerts/Updates*)
- 16 November 2018, Blockchain Energizer – Volume 38 (*Alerts/Updates*)
- 14 November 2018, 2018 Offshore Wind Handbook (*Alerts/Updates*)
- 31 October 2018, Blockchain Energizer – Volume 37 (*Alerts/Updates*)
- 28 September 2018, Blockchain Energizer – Volume 36 (*Alerts/Updates*)
- 14 September 2018, Blockchain Energizer – Volume 35 (*Alerts/Updates*)
- 23 August 2018, Blockchain Energizer – Volume 34 (*Alerts/Updates*)
- 9 August 2018, Blockchain Energizer – Volume 33 (*Alerts/Updates*)
- 26 July 2018, Blockchain Energizer – Volume 32 (*Alerts/Updates*)
- 12 July 2018, Blockchain Energizer – Volume 31 (*Alerts/Updates*)
- 29 June 2018, Blockchain Energizer – Volume 30 (*Alerts/Updates*)
- 28 June 2018, Implementing California's Sustainable Groundwater Management Act (*Alerts/Updates*)
- 18 June 2018, Balancing the Interconnect (*Alerts/Updates*)
- 18 June 2018, Balancing the Interconnect: FERC Reforms Large Generator Interconnection Process in a Manner That Could Benefit Energy Storage (*BlogPost*)
- 7 June 2018, Blockchain Energizer – Volume 29 (*Alerts/Updates*)
- 24 May 2018, Blockchain Energizer – Volume 28 (*Alerts/Updates*)
- 7 May 2018, Blockchain Energizer – Volume 27 (*Alerts/Updates*)
- 27 April 2018, California Energy Storage Update – What's In the Latest Procurement Plans? (*BlogPost*)
- 17 April 2018, Blockchain Energizer – Volume 26 (*Alerts/Updates*)
- 30 March 2018, Blockchain Energizer – Volume 25 (*Alerts/Updates*)
- 23 March 2018, California SB 1399 Proposes to Expand Renewable Energy Opportunities for Non-Residential Customers (*BlogPost*)

- 16 March 2018, Blockchain Energizer – Volume 24 (*Alerts/Updates*)
- 2 March 2018, Blockchain Energizer – Volume 23 (*Alerts/Updates*)
- 16 February 2018, Blockchain Energizer – Volume 22 (*Alerts/Updates*)
- 16 February 2018, FERC Rule Seeks to Expand Energy Storage Participation in Wholesale Electricity Markets (*BlogPost*)
- 1 February 2018, Blockchain Energizer – Volume 21 (*Alerts/Updates*)
- 4 January 2018, Blockchain Energizer – Vol. 20 – The Year in Review (*Alerts/Updates*)
- 20 December 2017, Federal Court Rejects California Public Utilities Commission's Re-MAT Program as Non-Compliant with PURPA (*BlogPost*)
- 14 December 2017, Blockchain Energizer – Volume 19 (*Alerts/Updates*)
- 8 December 2017, New York Signals Continued Support for Energy Storage as Governor Signs Procurement Target Legislation (*BlogPost*)
- 1 December 2017, Blockchain Energizer – Volume 18 (*Alerts/Updates*)
- 17 November 2017, Blockchain Energizer – Volume 17 (*Alerts/Updates*)
- 2 November 2017, Blockchain Energizer – Volume 16 (*Alerts/Updates*)
- 19 October 2017, Blockchain Energizer – Volume 15 (*Alerts/Updates*)
- 6 October 2017, Blockchain Energizer – Vol. 14 (*Alerts/Updates*)
- 21 September 2017, Blockchain Energizer Vol. 15 (*Alerts/Updates*)
- 21 September 2017, Halftime in California — Which Climate and Environmental Bills Are on the Board? (*Alerts/Updates*)
- 7 September 2017, Blockchain Energizer Vol. 12 (*Alerts/Updates*)
- 28 August 2017, Renewable Fuel Standard – RIN Roundup (*BlogPost*)
- 24 August 2017, Blockchain Energizer Vol. 11 (*Alerts/Updates*)
- 10 August 2017, Blockchain Energizer Vol. 10 (*Alerts/Updates*)
- 27 July 2017, Blockchain Energizer Vol. 9 (*Alerts/Updates*)
- 29 June 2017, Blockchain Energizer Vol. 7 (*Alerts/Updates*)
- 15 June 2017, Blockchain Energizer Vol. 6 (*Alerts/Updates*)
- 1 June 2017, Blockchain Energizer Vol. 5 (*Alerts/Updates*)
- 18 May 2017, Blockchain Energizer Vol. 4 (*Alerts/Updates*)

- 4 May 2017, Blockchain Energizer Vol. 3 (*Alerts/Updates*)
- 2 May 2017, CPUC Requires Additional 500 MW of Energy Storage from California IOUs (*BlogPost*)
- 20 April 2017, Blockchain Energizer Vol. 2 (*Alerts/Updates*)
- 7 April 2017, UPDATE: California's Cap-and-Trade Program Upheld by the California Court of Appeal (*Alerts/Updates*)
- 6 April 2017, Blockchain Energizer Vol. 1 (*Alerts/Updates*)
- 6 April 2017, The Future of California's Landmark Cap-and-Trade Program is Uncertain (*Alerts/Updates*)
- 29 March 2017, Oregon Lawmakers Consider Carbon Pricing Legislation (*Alerts/Updates*)
- 23 March 2017, Washington Continues to Consider a Carbon Tax and Defends Clean Air Rule (*Alerts/Updates*)
- 21 February 2017, CAISO Urges Flexibility and Coordination to Advance Distributed Energy Resource Aggregations at FERC (*Alerts/Updates*)
- 20 February 2017, CAISO Urges Flexibility and Coordination to Advance Distributed Energy Resource Aggregations at FERC (*BlogPost*)
- 25 January 2017, FERC Issues Policy Statement on Cost Recovery for Electric Storage Resources, But the Devil Will Be in the "Implementation Details" (*Alerts/Updates*)
- 24 January 2017, FERC Issues Policy Statement on Cost Recovery for Electric Storage Resources, But the Devil Will Be in the "Implementation Details" (*BlogPost*)

OTHER PUBLICATIONS

- "California's Energy Storage Policies Enable a Greener, Cleaner Future," *California Lawyer*, 2018
- "Making Carbon Dioxide Sequestration Feasible: Toward Federal Regulation of CO2 Sequestration Pipelines" *38 Energy Policy* 735 (2010)
- "Comment, Keelhauling Pirates: How Ex-Parte Seizure of Non- Interfering LPFM Does Not Further the FCC's 'Public Interest'" *43 San Diego L. Rev.* 661 (2006)
- "Climate Regulation 2013 - United States" *Getting the Deal Through* (2011, 2012, 2013)

NEWS & EVENTS

- 13 October 2020, Energy Bar Association's 2020 EBA Fall Forum: The Future is Hydrogen (*Event*)
- 3 January 2017, K&L Gates Further Boosts San Francisco Office with Energy and Environmental Partner Hire (*Press Release*)

AREAS OF FOCUS

- Power
- Construction and Infrastructure
- Construction and Infrastructure Dispute Resolution
- Construction and Infrastructure Project Funding
- Energy Storage and Distributed Resources
- Environment, Land, and Natural Resources
- Maritime
- Offshore Wind Energy
- Renewables
- Water and Wastewater

INDUSTRIES

- Agribusiness
- Consumer Products

EMERGING ISSUES

- Hydrogen
- Sustainable Economy

REPRESENTATIVE EXPERIENCE

- Represented California utility in adversarial proceeding before the California Public Utilities Commission (CPUC) in connection with a project opponent's request to underground a 500 kV transmission line.
- Negotiated conservation easements for the protection of hundreds of acres of wildlands in the Truckee-Donner region of Northern California.
- Represented developer in negotiations with California Department of Toxic Substances Control (DTSC) to amend an existing Remedial Action Plan and develop a mixed-use property with residential elements in Carson, California.
- Represented clients before Department of Water Resources for purchase and sale of water rights in Los Angeles to facilitate dairy and remediation projects.

- Counseled biomedical company on hazardous waste and storage tank compliance issues arising from the buildout of new lab space in South San Francisco.
- Counseled property developer on CEQA and hazardous waste issues in connection with redeveloping former Bay-area landfill to a \$6.5 billion mixed-use project, including obtaining approval from the City of Santa Clara.
- Represented pharmaceutical company in class-action and cost-recovery litigation arising out of historical operations at its former research and development facility in northern New Jersey.
- Represented chemical company in all aspects related to cleanup of its former manufacturing facility in Torrance, California, the Montrose Superfund Site. Negotiated easements with private parties and franchises with the City and County of Los Angeles to implement an extensive groundwater treatment system required by a U.S. EPA consent decree.
- Represented desalination plant developer in connection with various CEQA challenges arising from plant's co-location with existing once-through-cooling power plant.
- Represented lender in diligence of land use and environmental issues associated with financing a 50 MW geothermal plant near the Salton Sea.
- Represented lender in \$845 million financing of a 620 MW combined-cycle power plant that received the first-ever federal air permit with a voluntary limit on greenhouse gas emissions.
- Represented 1,000 MW combined-cycle power generator in multi-million dollar dispute over water supply contract.
- Represented California utility in federal litigation brought by Core Transport Agents (i.e., third-party providers of natural gas) challenging CPUC-approved billing tariffs.
- Counseled wind developer in negotiations with the Bureau of Land Management for the issuance of the first-ever take permit for the California Condor for a 318 MW wind project in Kern County, California.
- Counseled solar developer in connection with CEQA and Endangered Species Act (desert tortoise) litigation challenges to a 250 MW and a 300 MW utility-scale solar project in Southern California.
- Represented California utility before the CPUC on siting, permitting, and California Environmental Quality Act (CEQA) compliance for various transmission line and substation projects.
- Represented California utility before the CPUC on water, endangered species, and nesting bird impacts during construction phase of a high-voltage transmission line.
- Counseled cogeneration facility in negotiations among the transmission provider, the California Independent System Operator (CAISO), and electrical and steam offtaker for a creative behind-the-meter energy deal.
- Counseled private equity firm with combined-cycle and energy storage assets on compliance with CPUC and CAISO flexible capacity and flexible resource adequacy requirements.
- Represented California utility in adversarial proceeding before the California Public Utilities Commission (CPUC) in connection with a project opponent's request to underground a 500 kV transmission line.

- Represent institutional agricultural investor in the construction and development of a water bank in Kern County, California
- Represent developer in the acquisition of a portfolio of behind-the-meter energy storage assets and related utility demand response and energy management services agreements.
- Represent corporate venture fund in multiple early-stage investments into distributed energy resource (DER), electric vehicle (EV), and energy management system software companies.
- Represent thermal energy developer on regulatory aspects of constructing, operating, and owning a bay heat recovery district energy utility.
- Counseled biodiesel developer on commercial issues regarding the sale of federal RINs and California LCFS compliance credits.
- Counseled energy storage developer on interconnection procedures for integrating advanced energy storage solutions into PG&E and CAISO grids.
- Counseled municipality on federal Renewable Identification Number issues in connection with landfill and wastewater gas collection facilities.
- Represent timber interest to obtain an Incidental Take Permit and prepare a Habitat Conservation Plan for Northern and California Spotted Owl (including NEPA review)
- Counsel software company on developing distributed ledger platform to track and trade renewable energy credits.
- Represent equity investor in development of portfolio of dairy digester projects and monetization of RIN and LCFS credits.
- Direct Energy LP in its Series C2-Investment in GreenCom AG