

## Contact

[www.linkedin.com/in/jigarshahdc](http://www.linkedin.com/in/jigarshahdc)  
(LinkedIn)

[www.energy.gov/lpo/loan-programs-office](http://www.energy.gov/lpo/loan-programs-office) (Company)

## Top Skills

Project Finance

Clean Technology

Entrepreneurship

## Publications

Retail Competition is back! Are utilities ready?

Creating Climate Wealth

# Jigar Shah

Director, Loan Programs Office at U.S. Department of Energy (DOE)  
Washington DC-Baltimore Area

## Summary

Jigar Shah is the Director for the Loan Programs Office at the U.S. Department of Energy. In his role, Shah leads and directs the Loan program Office focused on building a bridge to commercial financing for technologies that are ready to scale the transition to a global clean energy economy. He oversees the planning and execution of the organization's considerable loan authority within manufacturing, innovative project finance, and tribal energy.

Jigar has spent most of his career bringing climate solutions to scale. Jigar most recently served as the President and Co-Founder of Generate Capital, the leading investment and operating platform for sustainable infrastructure, bringing scale to distributed energy storage, microgrids, fuel cells, electric vehicles and organic waste management.

Jigar also founded SunEdison, inventor of the modern solar-as-a-service industry. After SunEdison, Shah served as the founding CEO of the Carbon War Room, a global non-profit founded by Sir Richard Branson and Virgin Unite to help entrepreneurs address climate change. Shah is the author of *Creating Climate Wealth: Unlocking the Impact Economy*. Originally from Illinois, Shah holds a B.S. from the University of Illinois-UC and an MBA from the University of Maryland College Park. He has spent more than 20 years working in clean energy in the NGO and private sectors.

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## Experience

DOE Loan Programs Office

Director, DOE Loan Programs Office

March 2021 - Present (2 years 6 months)

Washington DC

LPO has more than \$40 billion in loans and loan guarantees available to help deploy large-scale energy infrastructure projects in the United States. Over the

past decade, LPO has closed more than \$30 billion of deals that has saved 60 million metric tons of CO2 emissions, manufactured 20 million fuel-efficient vehicles in the U.S., and created clean electricity to power 49,000 homes annually.

LPO does not compete with commercial lenders. LPO focuses on taking misunderstood technology risks by leveraging thousands of engineers and scientists that work for the Department of Energy and the National Labs who can dive deep, understand new technologies, and work with borrowers to mitigate risks associated with bringing innovative tech to scale.

### Generate Capital

Co-Founder and President

June 2014 - March 2021 (6 years 10 months)

San Francisco Bay Area

Generate Capital is a specialty finance company based in San Francisco, California, founded by several leading entrepreneurs and financiers in the renewable energy, technology, finance and sustainability sectors. It partners with project developers and technology manufacturers globally to finance the Resource Revolution – doing more with less of our critical resources like energy, water, food and materials. For more information on Generate Capital, please visit [www.generatecapital.com](http://www.generatecapital.com).

### Clean Feet Investors

Partner

August 2010 - December 2013 (3 years 5 months)

New York, NY

Putting my money where my mouth is

### Carbon War Room

CEO

June 2009 - March 2012 (2 years 10 months)

The Carbon War Room is a non-profit organization whose mission is to immediately stop the business-as-usual systems and practices that proliferate carbon, and replace them with low-carbon and no-carbon innovations and alternatives that reverse or stop global warming.”

### SunEdison, LLC

Founder, CEO

January 2003 - November 2008 (5 years 11 months)

Maryland, United States

Founded this company in 2003. In charge of sales, strategy and long term planning as well as day-to-day duties. SunEdison unlocked the "solar as a service" model, created the first bankable contract and dedicated solar financing fund with Goldman Sachs in 2005. Through business model innovation, SunEdison led the solar industry from a small niche industry to a dominant multi-billion dollar solar industry worldwide.

## BP Solar

### Business Development

January 2000 - September 2003 (3 years 9 months)

Initially started in the M&A Group. Supported sales groups with financing and marketing support.

## Energetics

### Analyst

September 1997 - December 1999 (2 years 4 months)

Government Consulting - supported the Office of Transportation Technologies within the Department of Energy. Worked on the Partnership for a New Generation Vehicles; Fuel Cells; Clean Transportation Fuels; Clean Cities; Battery Technologies.

## AstroPower

### Engineer

June 1995 - August 1995 (3 months)

Worked in Chemical Preparation part of the manufacturing plant.

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## Education

University of Maryland - Robert H. Smith School of Business

MBA, Finance, Strategy, Entrepreneurship · (1998 - 2001)

University of Illinois Urbana-Champaign

BS, Mechanical Engineer · (1992 - 1996)

Sterling High School

High School, Tennis, Scholastic Bowl, Drama · (1988 - 1992)