

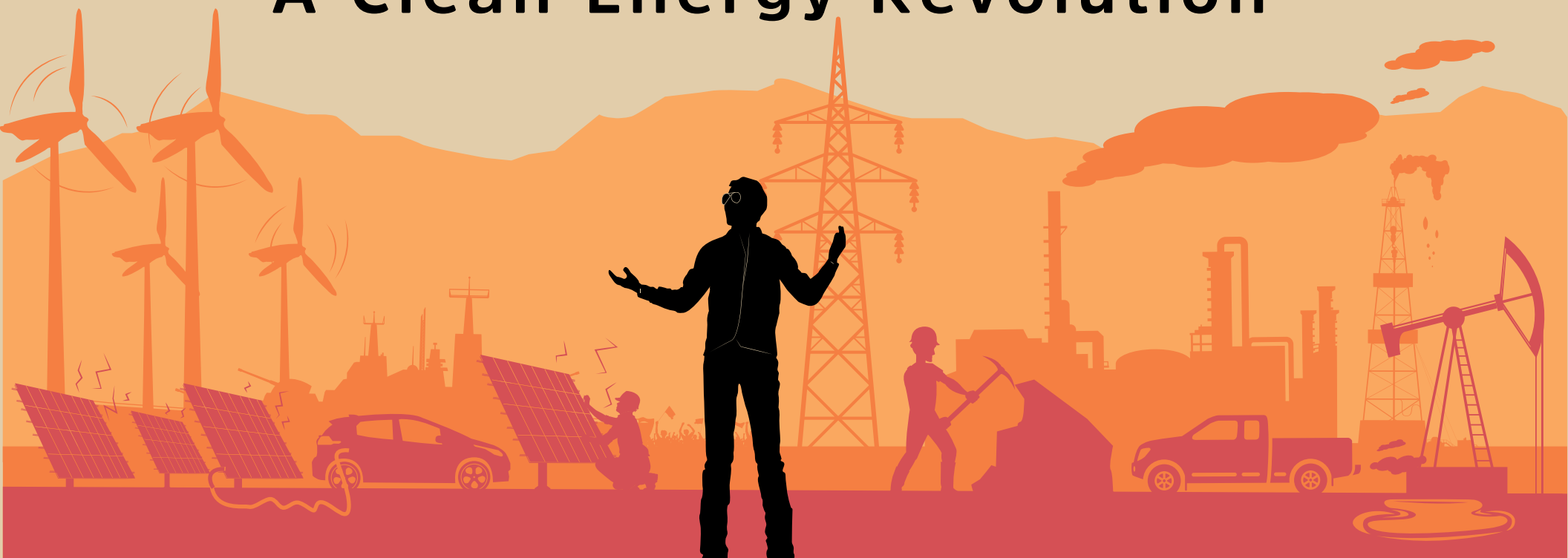
A

REDFORDCENTER

ORIGINAL PRODUCTION

HAPPENING

A Clean Energy Revolution



HBO DOCUMENTARY FILMS PRESENTS A **REDFORDCENTER** ORIGINAL PRODUCTION

DIRECTED BY JAMES REDFORD EXECUTIVE PRODUCERS TODD CLAYTON CHAFFEE, JAMES LANGER, NEDA NOBARI FOUNDATION, JEFF AND LAURIE UBBEN
PRODUCED BY JAMES REDFORD AND JILL TIDMAN ASSOCIATE PRODUCER JONATHAN WHITE POST PRODUCER CASSANDRA JABOLA
DIRECTOR OF PHOTOGRAPHY JOHN BEHRENS EDITORS JEFF BOYETTE, TINA IMAHARA, BILL WEBER MUSIC BY SEAN HAYES
FOR HBO: COORDINATING PRODUCER JESSE WEINRAUB SENIOR PRODUCER NANCY ABRAHAM EXECUTIVE PRODUCER SHEILA NEVINS

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LOGLINE

Filmmaker James Redford embarks on a colorful personal journey into the dawn of the clean energy era as it creates jobs, turns profits, and makes communities stronger and healthier across the US.

SYNOPSIS

Filmmaker James Redford embarks on a colorful personal journey into the dawn of the clean energy era as it creates jobs, turns profits, and makes communities stronger and healthier across the US. Unlikely entrepreneurs in communities from Georgetown, TX to Buffalo, NY reveal pioneering clean energy solutions while James' discovery of how clean energy works, and what it means at a personal level, becomes the audiences' discovery too. Reaching well beyond a great story of technology and innovation, "Happening" explores issues of human resilience, social justice, embracing the future, and finding hope for our survival.





MARK RUFFALO

Oscar-nominated actor, filmmaker, social activist and solar advocate.



MATTHEW NORDAN

Jamie's advisor and mentor on all things energy related. Matthew is managing partner at MNL Partners, who develop energy and environmental projects in global markets, with a focus on China. Also serves on the boards of five audacious tech start-up companies. and co-founder and chairman of the investment committee at PRIME Coalition, a pioneering 501c3 nonprofit that's bringing philanthropic capital to energy innovation.



DAVE RAMM

Dave Ramm is the Chairman and CEO at BrightSource Energy, Inc owners and operators of the impressive Ivanpah Solar Thermal System. He is formerly the Managing Partner of Dymar Development, LLC, a Houston based energy development and consulting firm. Prior to forming Dymar, he was CEO and director at Turner Bros., a heavy lift and heavy haul company serving the wind and refinery industries.



RAY MAYBUS (EX-SECRETARY OF NAVY)

Last Secretary of Navy (2009-2017). Spearheaded the Navy's move towards renewable energy sources.



MAYOR DALE ROSS

Mayor of Georgetown, Texas, a conservative Central Texas town with a population of 54,000. Thanks to the leadership of Mayor Ross, Georgetown abandoned fossil fuel powered utilities in favor of wind and solar energy. Georgetown is the State's first city-owned utility to make that leap—and their reasoning? It just makes financial sense.



EMILY KIRSCH

Emily Kirsch is Co-Founder and CEO of Powerhouse, the world's first and only solar incubator and accelerator with over 40 solar startups and cleantech organizations. Prior to founding Powerhouse, Emily worked with former advisor to President Obama, Van Jones, at the Ella Baker Center where she launched and led the Green Jobs Corps – Oakland's first solar training program.



GIA SCHNEIDER

Gia Schneider is a co-founder and the CEO of Natel Energy. Gia holds a Bachelor of Science in Chemical Engineering from MIT and has 13 years of experience in the energy and renewable industries. In 2005, Gia started the carbon emissions trading desk at Credit Suisse, growing it to a profitable business in its first year. Prior to Credit Suisse, she worked in the Strategy Group at Constellation, a leading power generation company.



LISA JACKSON

Lisa Jackson is the Vice President Environment, Policy, and Social Initiatives at Apple, Inc. She was also the Administrator of the EPA from 2009 to 2013. She reports directly to CEO Tim Cook and oversees Apple's environmental issues.



ANGELINA GALETIVA

Angelina was appointed in 2011 by Governor Jerry Brown to the California Independent Systems Operator Board (CAISO). Additionally, she serves as a Chairperson of the World Council for Renewable Energy (WCRE) and as Chair of the Renewable Energy Working Group at the Business for Environment (B4E) summits. SMs. Prior to July 2003, Angelina was the Executive Director-Strategic Planning, for the City of Los Angeles Department of Water and Power (LADWP), overseeing the utility's renewable energy program.



STEPHEN BERBERICH

Steve Berberich is the President and Chief Executive Officer of the California Independent System Operator (ISO). The ISO is one of the world's largest transmission organizations, managing the electric grid and wholesale power markets for 30 million Californians. 2017 marks Mr. Berberich's twelfth year with the ISO and his sixth year as CEO. During his tenure, he has navigated the ISO through a series of major changes underway in the energy industry. He is a frequent speaker nationally and internationally about the 21st Century Grid.



DEBBIE DOOLEY

President of the Green Tea Coalition or the "Green Tea Party". The Green Tea Coalition exists to find common ground among members from across the political spectrum to create, educate, and advocate for common-sense energy, economic, and development policies that protect our families, diversify our energy portfolio, and create a smart and vibrant 21st century economy where every company and technology competes on a level playing field and in an open-market.



JESSICA SCOTT

Jessica leads Vote Solar's campaigns in Arizona, Colorado, New Mexico, and Nevada. She currently serves on the Distributed Generation and Storage Technical Advisory Committee for the Nevada Governor's New Energy Industry Task Force. She has worked for both the Denver's Mayor Office and Department of Environmental Health where she helped create a local government working group focused on intervening in energy dockets at the Colorado Public Utilities Commission.



ASSEMBLYMAN CHRIS BROOKS (NEVADA ASSEMBLY, D)

Introduced AB405 (Net Metering/Rooftop Solar) and AB206 (Utility Portfolio Standards) AB 206 to the Nevada State Assembly, calling for a phased-in approach to portfolio standards that would increase the renewable % goal by 4% every two years, starting in 2018-2019 when the goal would be set at 26%.



SENATOR PATRICIA SPEARMAN (NEVADA SENATOR, D)

Introduced Senate Bill 392 in Nevada Senate, Development of Community Solar. Also known as “solar gardens,” community solar projects generate electricity for a nearby “subscribers” such as households, small businesses, schools and nonprofits. Pat’s legacy of service began in 1977 when she joined the United States Army after graduating from Norfolk State University in Virginia. For nearly three decades, Pat served in a variety of posts within the Army, including assignments in Europe, Korea, Panama, and at the Pentagon where she worked as a staff



ASSEMBLYMAN PAUL ANDERSON (NEVADA ASSEMBLY, R)

Member of the Nevada assembly since 2013. Part of the bi-partisan team that supported and passed AB405, and brought rooftop solar back to life in Nevada.

“I know it’s going to change because when I talk to young people, they are not even questioning that it’s happening, they just understand it.

I feel like it’s just happening.”

- **Lisa Jackson** Vice President Environment, Policy, and Social Initiatives, Apple Inc.

DIRECTOR’S STATEMENT

Today, most Americans understand and accept the reality of climate change. But as disturbing evidence and imagery continues to mount, many of us feel increasingly uncertain about what we, as individuals, can do. For many of us, solutions to climate change seem out of reach, out of scale and fatally entwined in partisan politics.

Nonetheless, the clean energy revolution is quietly but spectacularly underway. The clean energy industry now employs more people than the fossil fuel industry. Electricity generated from wind and solar is increasingly more affordable than electricity generated from fossil fuels, and the growth curve for the generation and storage of renewable energy now resembles the exponential curves seen with the

advent of radio, TV, and the Internet. The revolution also reveals another intriguing fact: politically speaking, the clean energy revolution is increasingly color-blind. As we see in **Happening**, when something is cheaper and better, political divides often begin to collapse. Although this information is encouraging, information alone is not enough. I spent a considerable effort working with The Redford Center to determine the most impactful and engaging way to tell the story. Key to the strategy was casting myself in my true colors: a semi-knowledgeable luddite who prefers plain English. As such, I journey through **Happening** with three questions in mind: Can we meet our energy needs with renewable energy? How would we do that? And, most importantly, will we do that?

Happening chronicles my quest to answer these questions. Although I have traversed the country meeting the inspiring people leading the revolution, the most significant journey involved my own heart and mind. At the start of **Happening**, I was feeling pretty cynical about the value of civic engagement and the political process. Three years later, I have witnessed firsthand the enduring value of political engagement, active citizenry and reason over ideology. In spite of the turbulent political waters we are currently enduring, I feel more hopeful today than ever about our ability to combat climate change, and I am excited to share this with audiences so that they may feel this way as well.

- **James Redford**





James Redford writes, produces and directs for Film and Television. Prior to completing “HAPPENING: A Clean Energy Revolution” for HBO, James’ other HBO films include “TOXIC HOT SEAT”, “THE BIG PICTURE: Rethinking Dyslexia”, “MANN V. FORD” and “THE KINDNESS OF STRANGERS”. While completing “HAPPENING”, James has been traveling the world as an American Film Showcase ambassador with his two award-winning documentary films. RESILIENCE: the Biology of Stress and the Science of Hope” as well as “PAPER TIGERS.”

James is the Co-founder and Chair of The Redford Center, a non-profit media entity that engages people through inspiring stories that galvanize environmental action. Among many of its functions, the center’s documentary film projects include WATERSHED, FIGHTING GOLIATH and THE ART OF ACTIVISM. James lives in Marin County California. His interests include playing lead guitar for Olive and the Dirty Martinis as well as yoga, skiing, surfing and cycling.



Jill Tidman, Producer

Jill serves as the Executive Director of the **The Redford Center**, a non-profit media entity that engages people through inspiring stories that galvanize environmental action. As executive director of the Redford Center, Jill Tidman oversees everything from daily operations to shaping the center's vision to producing documentary films and action campaigns. "Often the most important content is the least viewed, so shifting that and creating a different dynamic for the industry is what we're helping push forward," she says. Jill draws on her skill set as a producer, writer, filmmaker and activist, as well as her passion for sustainability issues, to create a new way forward with impactful storytelling.

Prior to completing **HAPPENING: A Clean Energy Revolution**, Jill produced award-winning, high impact documentaries with The Redford Center including: **WATERSHED**, **FIGHTING GOLIATH**, and **THE ART OF ACTIVISM**. Jill lives in San Francisco with her husband Wil and her two children.

FESTIVALS AND AWARDS

Best Environmental Film - New York WILD Film Festival 2018

Nominee - EMA Awards

Official Selection - Mill Valley Film Festival

Official Selection - DOC NYC Film Festival

Official Selection - St. Louis Film Festival

Official Selection - Napa Valley Film Festival

Official Selection - Woodstock Film Festival

Official Selection - American Documentary Film Festival

Official Selection - American Film Showcase

Official Selection - Bozeman Film Festival

Official Selection - Environmental Film Festival in the Nation's Capital

Official Selection - EARTHxFilm

Official Selection - Sun Valley Film Festival

Official Selection - One Earth Film Festival

Official Selection - Architecture & Design Film Festival, New Zealand

Official Selection - Tahoe Film Festival

CREDITS

Country: USA

Running Time: 71 Minutes

Directed by James Redford

Executive Producers: Todd Clayton Chaffee, James Langer, Neda Nobari Foundation, Jeff and Laurie Ubben

Produced by James Redford and Jill Tidman

Executive Producer for HBO Sheila Nevins

Producer for HBO Nancy Abraham

Coordinating Producer for HBO Jesse Weinraub

Associate Producer Jonathan White

Post Producer Cassandra Jabola

Music by Sean Hayes

Director of Photography John Behrens

Editors Jeff Boyette, Tina Imahara, Bill Weber

Sound Design and Re-recording Mixer Bob Edwards

Line Producers Suzanne Debrunner, Gabriel Garza, Teri Heyman, Brook Holston

Post Production Sound Services Provided by

Skywalker Sound, A Lucasfilm Ltd. Company, Marin County, California

HD Post Production by ZAP Zoetrope Aubry Productions, San Francisco

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Downloadable Film Stills, Production Photos and Key Art [Here](#)

THE REDFORD CENTER

Co-founded by Robert Redford and his son James in 2005, The Redford Center harnesses the power of documentary films and impact campaigns to help tip the scales on critical environmental and social issues. The Redford Center's Fiscal Sponsorship Program extends its nonprofit status and excellent filmmaker support to kindred environmental impact film and media projects. The Redford Center's original productions include: FIGHTING GOLIATH: Texas Coal Wars (2008) which helped prevent the construction of 177 new coal-powered plants. WATERSHED (2012) which secured \$10 million to support on-the-ground restoration work and obtain water rights for the delta region. The Redford Center's current film and campaign, HAPPENING: A CLEAN ENERGY REVOLUTION (2017) has been viewed more than 1.5 million times since its HBO broadcast premier in December 2017 and won "Best Environmental Film" at the 2018 NYWILD Film Festival. And Redford Center Grants provides funding, filmmaker support, and networking to filmmakers with feature film projects in early development that are focused on driving awareness, education and tangible action on a variety of environmental topics. To learn more, please visit redfordcenter.org.