



Energy Storage

USA 2021

VIRTUAL SUMMIT

ACCELERATING INVESTMENT & DEPLOYMENT
OF ENERGY STORAGE ACROSS USA

23-24 Mar

30-31 Mar

Post Show Report

The 3rd annual Energy Storage Summit USA was a great success once again, thanks to all our amazing speakers, sponsors and attendees.

We discussed themes including safety and how to prevent widespread issues like thermal runaway with lithium-ion applications, what the Biden administration is planning for the storage sector and excitement about the role that state-level policy will play in the future landscape, along with a vibrant and engaging discussion around long-duration energy storage and what lies ahead for these technologies in the US.

We very much look forward to seeing you all again next year, hopefully as part of a live event, to continue the conversation around these issues and more!



Lucy Jacobson-Durham
Conference Producer

For further information, or to find out how to get involved please contact

Paul Collinson ✉ pcollinson@solarmedia.co.uk



410+
ATTENDEES



20
SESSIONS



10+
HOURS OF CONTENT



417
MEETING REQUESTS



56
SPEAKERS



3.5 HOURS
HOURS OF DEDICATED
NETWORKING



572
BROCHURE AND
WHITEPAPER DOWNLOADS



35
COUNTRIES REPRESENTED

Thank you to our sponsors!

Gold Sponsor

Honeywell

Silver Sponsor



Bronze Sponsors



Supporting Sponsors



Exhibitor



Partners



Editorial Partners

CURRENT[±]



Four days of superb content!

KEYNOTE PANEL: Biden on the Horizon: What Can a Fresh Administration Bring to the Market?



David Maguire
Founder & Director
BNRG RENEWABLES



Greg Wetstone
President & CEO
**AMERICAN COUNCIL ON
RENEWABLE ENERGY**



William McNamara
Policy Expert, Grid Energy
Storage
**SANDIA NATIONAL
LABORATORIES**



Rudy Garza
Chief Customer Engagement
Officer
CPS ENERGY



Sarah Orban Salati
Chief Commercial Officer
**NEW YORK POWER
AUTHORITY**

KEYNOTE ADDRESS:

The Future: Long-Duration Energy Storage at Grid Scale



Dr. Imre Gyuk
Director, Energy Storage Research
US DEPARTMENT OF ENERGY

PANEL: The Next Big Thing: Emerging Storage Markets in the US



Neva Espinoza
Vice President, Energy
Supply and Low-Carbon
Resources
**ELECTRIC POWER
RESEARCH INSTITUTE
(EPRI)**



Quinn Laudenslager
Senior Product Manager,
Acumen EMS
ENERGY TOOLBASE



Vijay Betanabhatla
Associate Director,
Energy
GUIDEHOUSE



Lee Bailey
Managing Director
**US RENEWABLES
GROUP**



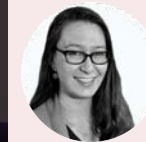
Robert Tucker
Director of Industry
Strategy
**SMART ELECTRIC
POWER ALLIANCE**



Margaret O'Riley
Business Recruitment -
Automotive, Batteries &
Electrification
**DUKE ENERGY
CORPORATION**



Sergio Dueñas
Senior Regulatory Consultant
California Energy Storage Alliance



Erin Childs
Senior Manager
Strategen

PANEL: Making Money from Batteries: Optimal Strategies



Jacob Steubing
Vice President, Renewable
Power
GOLDMAN SACHS



Enrico Ladendorf
Vice President, Technology &
Product Operations
ENERGY TOOLBASE



Randolph Mann
President & CEO
ESVOLTA LP



Eren Ergin
General Manager -
Renewables & Distributed
Assets
HONEYWELL



Reid Capalino
Senior Vice President -
Business Development
LS POWER

View some of the 2021 content |

View all speakers |

2021 Agenda Themes

23 March



Keynotes and Plenary Sessions

This day will be all about setting the scene for what is to come over the four days, with some macro-level panel discussions and presentations focusing on some of the key problems, before we really get into the specifics.

24 March



Safe Solutions, Technology & Innovation

This day is dedicated to all the most important points around innovation in technology; optimization strategies, feasibility for long-duration and using software and data analytics will all feature. Fire safety is also an integral part of Energy Storage systems, so we will cover all things safety related, from prevention and creating codes and standards across the industry to testing and certification.

30 March



Where Should You Be Doing Business in the US?

With such complex and diverse market structures and models across the country, it is vital that you understand the issues and solutions needed for each area. Covering primary market challenges, emerging secondary markets and policy expectations, this day is key to further your understanding on this.

31 March



Driving Development

From developers showcasing projects and how they achieved them to discussions around portfolio play and the role of utilities, this focused day will cover development tips, hedging against risk and of course investment need-to-knows.

2022 Agenda Themes



SOLAR-PLUS-STORAGE



LONG-DURATION



SAFETY



POLICY



TECHNOLOGY & DIGITALISATION



MAKING MONEY FROM BATTERIES



FRONT OF THE METER VS BEHIND THE METER



FINANCING

What the audience thought...

““ The summit was able to get so many qualified speakers...the presentation of data and delving into details on topics was very useful.

““ Great event, amazing how you have dealt with it virtually.

““ I appreciate that the summit was able to get so many qualified speakers... present(ing) data and delv(ing) into details on a topic very useful.

““ In person events are always ideal but this virtual setting worked well for the presentations and speakers.

““ Very well organized. Great to see feedback taken on board. Looking forward to next year.

““ Format was good. Round table discussions are really informative.

““ Great virtual format and a more professional platform than others that I have been too.

““ I thought the selection of speakers was impressive, and there were remarkably few technical difficulties considering the large number of parties involved. You guys kept things running smoothly, which is no small task in this format.

A glimpse at our audience...

1099 Energy Consultants LLC
8 Minute Solar Energy
Aarhus University
AECOM Asia Company Ltd
Aer
Aether Investment Partners
Affordable Solar Installation
Aggreko
AGP Group
AJB Inc
Alex Grant
Alexa Capital
Allianz Agcs
Amazon
American Council for Renewable Energy
Antenna
Arci
Arenko Group
Arevon Energy
Astrospace Llc
Austin Energy
Australian Energy Regulator
Baltimore Hudson
Benton County Electric System
Biltmore Investments, Ltd
Blattner Company
Blue Bear Capital
Bluestem Energy Solutions
Bluewave Solar
BNRG Renewables
Boston College
Brunel
Cadenza Innovation
Calested Partners
California Energy Commission
California Energy Storage Alliance
Callistemonblue
Candela Renewables
Carbonfree Technology Inc.
Carbon-ION
Cassam & Associates
Castlelake
Cccco
Ce Energy Consulting LLC
Centrica
Chromalox
Chugoku Electric Power America, LLC
Cigre Nc Israel
City Of Lake Worth Beach, Florida

Clearcell Power
Clpp
Club Assist
ConnectGen Services, LLC
Constellation
Cornell University
Coronation Oil And Gas Ltd
Coronation Power Ltd
CPS Energy
Cps Energy
Cs Energy
Cubico Sustainable Investments
Cypress Creek Renewables
Denham Capital
Department of Energy, US
Dialog Consulting
DNV Energy USA, Inc.
Duke Energy Corporation
E22 Energy Storage Solutions
E3 Consulting
Echogen Power Systems
Ecoplexus
Eda
EDF Renewables North America
Eht Supply
Electric Power Research Institute (EPRI)
Emerging Energy & Environment Investment Group
Enchanted Rock
Eneon Es Inc.
Energy Market Regulatory Authority, US
Energy Strategy Resources Llc
Energy Toolbase
Energygyps
ENGIE
Engie / Genbright
Engie Storage
Enlighten Innovations Inc.
Empowered
Entech Solutions
Eoliasur
Equinor Us
Ercot
esVolta LP
Etisalat Uae
Euclid Power
Evergen
Fisher Associates
Fraunhofer Iee
Freqcon/versallis

Future
Gamesa Electric
Gannet Holding
GAP Advisors
Generac Power Systems
GeoVerde Solar Products
Goldman Sachs
Gph Consulting
Greenbacker Capital
Greenrg
Grs
Grupo Energia Bogota S.A. ESP
Gtmusa / Azelio
Guidehouse
Haefely Ag
Hawaiian Electric Company
Hecate Energy LLC
Heila Technologies
Henkels & Mccoy
Hero Future Energies
Highfield Energy
Highview Power
Honeywell
Honeywell Process Solutions
Hydac Technology
igrenEnergi
IHS Markit
IIASA
Impax Asset Management LLC
Imperial Irrigation District
Inaccess Inc
Independent
Indian Institute of Technology ROORKEE
Infiniel Corporation
Interbancorp
Interconnection Systems, Inc.
Incorp
Investec
Investments
Isa
ISO New England
Javelin Capital
Jinko Power
Kelvin Thermal Energy
Kepis & Pobe Financial Group
Kerogen Capital
Keybanc Capital Markets
Kiewit
Kpmg Llp
Lawrence Berkeley National

Laboratory
Lawrence Livermore National Laboratory
Leyline Capital
Li-on Tamer Group - Nexceris
Lockheed Martin
Lombard Odier Investment Managers
Long Duration Energy Storage Association of California
Ls Power
MAP RE/ ES
Marubeni America Corporation
Methanex Chile
Metrolinx
Michigan Public Service Commission
Microera Power / Ahead Energy
MicroEra Power, Inc.
Mission Financial Partners
Mitsubishi
Mitsubishi Heavy Industries America, Inc.
Mitsubishi Power
Morgan Stanley
Mountain Power
Mpsc
Munich Re
Mvm Optimum Zrt.
Nadb
Nadbank
National Grid
Natural Forces Solar Inc.
Naturgy Nuevas Energías
Naturgy Renovables, S.L.U.
New Energy Assets, Llc
New Vista Energy
New York Power Authority
Nextera Energy Resources
Ni28
Niore IP s.r.o.
Nippon Koei
Northwestern University
NRStor
Nte Energy
Nyc Dot
NYC Mayor's Office of Sustainability
NYISO
NYPA
Oatfield LLC
Oceanus Power & Water, Llc
Omaha Public Power District

One Eco
One Energy
Ontario Technologist Magazine
Oppd
Orange And Rockland Utilities, Inc.
Origis Energy
Pacific Northwest National Laboratory
Panitek Power AG
Partnering
PeakPower LI
Petrel Resources plc
Pine Gate Renewables
Pivot Energy
Pnnl
Ponder It
Power Solutions International
Principle Services
PVS Investments
Recurrent Energy
Red Deer College
Reliance Industries Limited
Repsol
Ret Fund
Riverstone Holdings LLC
Robinson, Inc.
Royds Withy King
Rwe Renewables
Samsung C&t
Sandia National Laboratories
Saturn Power Inc.
Saudi Electricity Co.
Self
Shamon Family Office
Shell
Silicon Valley Clean Energy
Sk E&s
SMA Solar Technology
Smart Electric Power Alliance
SocíVolta Inc.
Solariant Capital K.K.
Solarstone
Soleco Energy
Solek Group
Solex Thermal Science
St Advising
Stabl Energy Gmbh
Standard Normal
Stanford University
Stellae Energy Ltd.
Stercom Power Solutions Gmbh

StorEdgeAI
Storworks Power
Strata Solar
Strategen
Strategic Tech Analysis
SUSI Partners AG
Sustainable Westchester
Swell Energy
Td Asset Management
Technical University Of Crete
Tecnicas Reunidas
Tela Energy Llc
The Energy Project
Tmeic
TNO
Trina Solar
Trina Solar Germany GmbH
Trina Solar Isbu
Trina Storage
Tri-rock
True Green Capital Management LLC
Ubs Am
Ubs Asset Management
UL
Unicamp
Universidad Nacional De Colombia
University of Birmingham
University of Colorado, Boulder
Urban Grid
Urban Grid Solar
Urban Grid Solar Projects
US Air Force Research Laboratory
US Renewables Group / Mission Financial Group
US Vanadium LLC
Usda Rural Development
Valuation & Transition Strategies LLC
Vermillion Power Technologies Inc.
Viking Cold Solutions, Inc.
Virginia Tech Foundation, Inc.
Visio Partners
Vivid Edge
W.L. Gore & Associates
Watkins Solar
We Get Women Healthy
White Pine Renewables
Wm
Worm Capital
Yes Energy

What types of attendees we had...

Account Executive
Account Manager
Advisor
Alternative Energy Specialist
Analyst
Assistant Director
Assistant Director - Electric Utilities
Assistant General Manager
Assoc. Director Of Development
Associate
Associate Director
Associate Director Of Project Finance
Attorney
Batteries
Battery Project
Battery Storage Engineer
Berkeley Lab Energy Storage Center
Board Observer
Business Development
Business Development & Strategy
Business Development
Coordinator
Business Development Director
Business Development Manager
Business Development Representative
Business Line Manager - Battery Storage
Business Recruitment - Automotive, Batteries & Electrification
CDMO
CEO
CEO & Managing Director
Chairman
Chief Commercial Officer
Chief Customer Engagement Officer
Chief Financial Officer
Chief Of Staff To CCO
Chief of the Energy Deployment Office
Chief Strategy Officer
Chief Technical Officer
Chief Technology Officer
CIO

CMO
Co-Founder
Co-Founder & Managing Partner
Commercial Director
Commercialization Manager
Communications Advisor, Americas
Communications Professional
Conference Producer
Content Producer
Contributing Editor
COO
Coordinator-grants & Stakeholder Outreach
Cost Optimization Engineer
CTO
Deputy Director, Hpc
Deputy Editor
Deputy Head Of Energy Storage Development Associate
Development Manager
Director
Director - Zero Emission Bus Program
Director Business Development
Director Development
Director Of Business Development
Director Of Engineering
Director Of Market Fundamentals
Director Of Origination
Director Of Power Resources
Director Of Project Finance
Director Of Research
Director Of Research & Development
Director Of Storage and Grid Intelligence for Energy Systems
Director Of Climate and Sustainability
Director Of Commercial Projects
Director Of Energy Storage Research
Director Of Global Bd & Partnerships, Renewables & Distributed Assets
Director Of Industry Strategy
Director Of Renewables & Storage Integration
Director Of Strategy &

Operations
Doctor
Editor
Editor In Chief
Electrical & Alternative Energy Lab Technician
Electrical Group Manager
Energy Consultant
Energy Contract Manager
Energy Coordinator
Energy Expert
Energy Manager
Energy Market Sales Manager
Energy Marketing
Energy Policy Advisor
Energy Solutions Manager & Sr. Project Manager
Energy Storage coordinator
Energy Storage Engineer
Energy Storage Operations Lead
Energy Storage Program Manager
Energy Storage Project Engineer
Engineering Manager
Environmental Engineer
Ess Lead
Events, North America
Executive Assistant
Executive Director
Executive VP
Finance Director
Founder
Founder & Director
General Counsel
General Manager
General Manager - Renewables & Distributed Assets
Global Business Lead Storage, Growth, Innovation and Digital
GM - Energy And Renewables
Group Head Of Business Development
Head Of Business Development
Head Of Capital Equipment Procurement
Head Of Construction
Head Of Content
Head Of Development Us

Head Of Energy Storage Development
Head Of Product
Individual
Ingeniero Electricista
Innovation Leader
Integrated Resources Planner
Investment Director
Investment Manager
Investor
Investor In Clean Energy & Storage Startups
JD/Phd Candidate
Journalist
Junior Marketing Manager
Lead Analyst, Market Development
Lead Energy Storage Modeler
Lead Engineer: New Technologies
Lead, Afri Energy Office
Leader Strategic Planning
Maintenance Manager
Manager
Manager, Interconnection
Manager, Substation Engineering
Manager, Business Development
India
Manager, Strategic Transactions
Manager, Alternative Energy Program
Manager, Electric Vehicles & Emerging Technologies
Manager, Energy Market Design
Manager, Technology & Product Operation
Managing Director
Managing Director, Investments
Managing Director, Project Finance
Managing Partner
Managing Partner & Co-Founder
Market Development Manager
Marketing
Marketing Director
Marketing Manager
Marketing Manager, Overseas
Storage
Managing Director, Power & Renewable Energy Investment Banking

Owner
Partner
Portfolio Manager
Policy Director
Policy Expert, Grid Energy Storage
Portfolio Management & Strategy Analyst
Power & Infrastructure Finance
President
President & CEO
President & CEO - Americas
Principal
Principal, Technical Business Development
Principal Analyst
Principal Consultant
Principal Engineer
Principal Engineer - IEM, Planning & Strategy
Principal Member of the Technical Staff
Principal Technical Sales Engineer
Principal/Chair
Procurement
Product Innovation & Design
Leader
Product Management
Product Manager
Professor
Professor of the Practice
Project Architect
Project Development Manager
Project Engineer
Project Launching & Marketing Coordinator
Project Lead
Project Manager
Project Manager - Alternative Energy Program
Projecto Baterías
Public Utilities Engineer Specialist
Regional Director, Asia Pacific
Regulatory Affairs Analyst
Renewable Energy Section Manager
Renewable Technologies Analyst
Renewables Lead
Reporter

Research Engineer
Research Fellow
Researcher
Researcher, Electricity Markets and Policy Department
Risk Consultant
Sales & Bussiness Development
Sales Manager
Salesman
Scientist
Section Manager
Senior Advisor
Senior Analyst
Senior Analyst, Energy Storage
Senior Associate
Senior Associate, Real Estate
Senior Associate, Structured Finance
Senior Consultant, Energy Storage
Senior Consultant, Storage and Grid Edge Intelligence
Senior Director
Senior Director - Corporate Development
Senior Electrical Engineer
Senior Energy Storage Engineer
Senior Investment Officer
Senior Manager
Senior Portfolio Analyst
Senior Product Manager, Acumen EMS
Senior Program Manager
Senior Project Development Manager
Senior Regulatory Consultant
Senior reporter
Senior Underwriter, Energy Storage Systems
Senior Vice President
Senior Vice President - Business Development
Social Media Specialist
Solar Power Project Finance Director
Solar Projects Superintendent
Specialist Engineer
Senior Compliance Analyst
Senior Director, Business Development

Senior Business Analyst
Senior Business Development Analyst, Renewables & Distributed Assets
Senior Director, Engineering & Construction
Senior Director, Origination
Senior Marketing
Communications Specialist
Senior R&TD Engineer, Research & Technology Development
Strategy Manager
Student
Support Specialist
Supervisor Resource Planning & Acquisition
Sustainability Partnerships
SVP
Technical Advisor, Battery Materials & Systems
Technical Director
Technical Manager
Technician
Territory Manager- Renewables
Vice President
Vice President, Development
Vice President, Sales & Strategy
Vice President, Commercial
Vice President, Business Development - West
Vice President, Development - Energy Storage
Vice President, Development And Construction
Vice President, Energy Supply and Low-Carbon Resources
Vice President, Sales
Vice President, Technology & Product Operations
Vice President & Director
Vice President Of Business Development
Vice President Origination
Vice President, Green Tech Solutions
Vice President, Investors
Vice President, Renewable Power Working Student



14%
C-SUITE



26%
STRATEGY / DIRECTOR



12%
SENIOR MANAGEMENT / HEAD OF



11%
ENGINEERING / TECHNICAL



37%
INFLUENCERS / DECISION MAKERS / MANAGERS

US Secretary of Energy: 'Flow batteries are good for grid storage'



Liquid electrolyte tanks at a large-scale vanadium flow battery demonstration and research project. Image: Fraunhofer ICT.

US Secretary of Energy Jennifer Granholm said yesterday that flow batteries are “good for grid storage” as her Department of Energy (DoE) announced funding to support domestic manufacturing for the energy storage technology.

The US Department of Energy is setting up a competitive award process for flow battery system research and development (R&D) projects with up to US\$20 million of funding available. A funding opportunity announcement (FOA) issued by the DoE's Office of

PODCAST: Batteries vs fossil fuels, US Secretary of Energy's big challenges, SPACs and storage



Inside Alamitos, a battery project recently inaugurated 100MW / 400MWh of energy storage to reduce the natural gas for electricity. Image: AES Corporation.

The new episode of the Solar Media Podcast by [Honeywell](#), is now available stream, as Energy Secretary Jennifer Granholm's in-module prices could be set for a short-term

Texas' energy crisis: Future directions for planning and building resilient grids



The repercussions of Texas' Winter Storm events in February, may be felt for years. Scott Burger, Annie Baldwin, Jason Houck and Marco Ferrara at long-duration energy storage start-up Form Energy discuss how in-depth system modelling of current and future grids offers some early takeaways which might help prevent the next crisis and how multi-day energy storage could play a leading role.

The costs of the tragic convergence of events in Texas cannot be understated. What started as an energy crisis turned into a [public health crisis](#) accompanied by a financial crisis as dozens of Texans lost their lives and estimates of economic damage soared into the tens of billions of dollars. The repercussions will be long felt.

Solar & Storage Event Series

Meet the team & get involved



Dates TBC
Colombia



22 - 23 February 2022
London, UK



22 - 23 March 2022



Paul Collinson
Commercial Director
pcollinson@solarmedia.co.uk



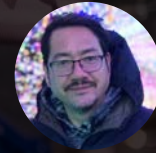
David Stanley-Tate
Marketing Director
dstanleytate@solarmedia.co.uk



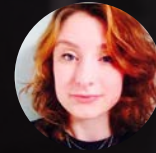
Daniel White
Business Development Manager
dwhite@solarmedia.co.uk



Lucy Jacobson-Durham
Conference Producer
lucy@solarmedia.co.uk



Andrew Colthorpe
Energy Storage News Editor
acolthorpe@solarmedia.co.uk



Molly Lempriere
Deputy Editor (UK)
mlempriere@solarmedia.co.uk

EVENT
ORGANISER



IN ASSOCIATION
WITH



CURRENT[±]



Want to exhibit or sponsor the next Energy Storage Summit USA?



Energy Storage

USA

23-24 March 2022

Location: TBC

Find out more | 

storageusa.solarenergyevents.com