

NREL Industry Growth Forum

Grand Hyatt • Denver, Colorado

November 3 - 4, 2015

Announcing the 2015 Presenting Companies

For over two decades, the Industry Growth Forum has been the premier clean energy investment event for growing companies to prepare, refine, and present their businesses to a wide range of investors. The two-day program will feature presentations by 30 emerging clean energy companies, thought-provoking panels and technology breakout sessions, along with organized networking opportunities. The 30 companies selected to present are as follows:

- [Acumentrics/New CO₂ Fuels](#) (Massachusetts, USA) – Acumentrics has established profitable conversion of industrial CO₂ emissions and waste heat to hydrocarbon fuels through solid-state ionics at over 40% efficiency.
- [Autowatts](#) (Colorado, USA) – Autowatts offers a web-enabled solar sales tool to size, price, finance, and e-contract a system with a local installer, allowing non-solar professionals to easily offer solar to existing clients.
- [Be Power Tech, Inc.](#) (Florida, USA) – Be Power Tech, Inc. is developing an air conditioner that produces electricity and that is powered with natural gas.
- [Biogenic Energy](#) (California, USA) – Biogenic Energy is a California based company dedicated to transforming biomass waste into low carbon fuel for electricity and transportation using a disruptive technology called hydrothermal liquefaction.
- [CSD Nano, Inc.](#) (Oregon, USA) – CSD Nano, Inc. has developed the first and only anti-reflective coating (ARC) for retrofitting operating solar arrays.
- [Design Flux Technologies, LLC](#) (Ohio, USA) – Design Flux Technologies, LLC has developed an embedded software-defined power management system for battery packs and energy storage systems.
- [Dropcountr](#) (California, USA) – Dropcountr uses data analytics, sleek design and mobile apps to communicate water usage and metrics to consumers and utility staff; the Dropcountr software platform helps utilities and their customers save water, money and time.
- [ESS Tech, Inc.](#) (Oregon, USA) – ESS Tech, Inc. has developed an extremely cost-effective energy storage system. The technology combines safe, abundant and non-toxic iron electrolyte with a patent pending flow cell design.
- [Firebee SPC](#) (Washington, USA) – Firebee SPC creates renewable energy for charging phones and LED lights from the heat of cooking in stoves and fires.
- [Frontline Aerospace, Inc.](#) (Colorado, USA) – Frontline Aerospace, Inc. is primarily focused on commercial gas turbine efficiency products for applications on ground based turbines, with secondary expansion into airborne applications.

- [Glucan Biorenewables](#) (Missouri, USA) – Glucan Biorenewables converts aggregated agricultural residues created from existing first generation industries, to high-end chemicals and advanced biomaterials.
- [HOMER Energy](#) (Colorado, USA) – HOMER Energy provides software and services to rapidly identify and assess least-cost solutions for the rapidly growing distributed generation and microgrid markets.
- [InnoSys](#) (Utah, USA) – InnoSys' Intelligent Lumens (iLumens) seamlessly fuses smart solid state lighting technology with sensor, communication, control, and informatics technologies to create energy-efficient, sustainable, and highly reliable lighting solutions including for both direct replacement and new construction markets.
- [Inventev](#) (Michigan, USA) - Inventev's Energy SWAT Truck uses the same motors for PHEV mobility to generate power for grid resiliency and avoids jobsite idling...Work Electric, Drive Electric, Generate Electric.
- [Lightning Hybrids](#) (Colorado, USA) – Lightning Hybrids sells and licenses a patented hardware/software system which converts a conventional medium or heavy-duty vehicle into a hydraulic hybrid, reducing emissions by 50% and fuel use by 35%.
- [LiquidCool Solutions](#) (Minnesota, USA) – LiquidCool Solutions has developed a practical, scalable solution for cooling electronics by total immersion in a dielectric fluid.
- [Next Energy Technologies Inc.](#) (California, USA) – Next Energy Technologies has developed transparent energy harvesting coatings for windows that allow architects and building owners to transform windows and glass facades into producers of low-cost, on-site, renewable energy for buildings.
- [OPUS 12](#) (California, USA) – OPUS 12 is developing an electrochemical device that converts CO₂, water, and electricity into valuable fuels and chemicals that are cost-competitive with conventional products.
- [Powerhive](#) (California, USA) – Powerhive offers a custom-built platform to meter and manage renewable microgrids for rural electrification in emerging markets.
- [Sibelloptics](#) (Colorado, USA) – Sibelloptics has created a compact, long-range, all-fiber commercial wind Lidar instrument for wind resource measurement.
- [Sistine Solar](#) (Massachusetts, USA) – Sistine Solar creates solar panels of any color, pattern or design.
- [Soliculture](#) (California, USA) – Soliculture panels allow growers to generate electricity over crop production with no negative impact on plant growth in a high yield controlled growing environment.
- [Sonne Industries, LLC](#) (Illinois, USA) – Sonne Industries, LLC has developed Light Sentry™, a do-it-yourself, set-it-and-forget-it system that tells an outlet or light switch to power up, dim, and power down when electricity or light is needed.

- [Sourcewater](#) (Massachusetts, USA) – Sourcewater, a spinout from MIT, is the first online exchange for buying, selling, recycling and managing water and water services for oil and gas production.
- [Spectrum](#) (California, USA) – Spectrum is a cloud-based building information modeling software platform for the architecture industry that seamlessly integrates design, sustainability analysis, and energy codes yielding low-cost, energy-efficient buildings.
- [Stone Mountain Technologies, Inc.](#) (Tennessee, USA) – Stone Mountain Technologies is a developer of gas-fired absorption heat pumps for residential and light commercial water and space heating.
- [Sun Number](#) (Colorado, USA) – Sun Number is building solutions based on big data that lower the solar industry's cost of customer acquisition.
- [Teslatricity](#) (Texas, South Dakota, Florida, USA) – Teslatricity is a LED Lighting Manufacturer and IoT Solution Provider offering LED-based lighting products that are less expensive, better, more efficient, recyclable, unbreakable and smarter than other products in the marketplace.
- [Tria Technologies](#) (Maryland, USA) – Tria's Biomass-HRS™ (Heat Recovery System) captures and extracts heat from composting animal manure and organic matter, processes it, and then provides it to meet the heating requirements of animal grow-out houses in the poultry and swine markets.
- [VG SmartGlass](#) (Illinois, USA) – With the VG SmartGlass technology, a user can make any window go clear to dark without electricity to control for privacy, glare, and energy control.