



Electricity

EPIC Technology Transfer

Client: California Energy Commission

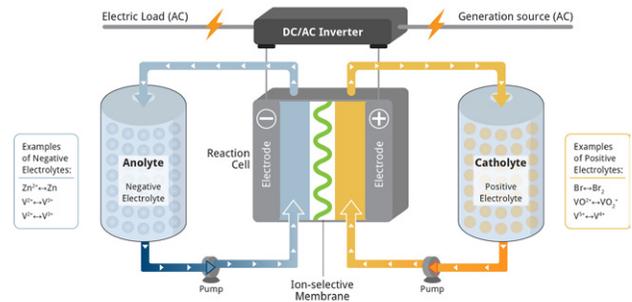
2019–ongoing

The California Energy Commission’s Electric Program Investment Charge (EPIC) program invests \$130 million annually in scientific and technological research through a competitive grant process. CEC works with all awardees to help transfer their R&D into real-world products, processes, and technology that can accelerate transformation of the electricity sector to meet the state’s energy and climate goals.

In 2019, Frontier Energy teamed with Gladstein, Neandross Associates to help CEC with technology transfer activities. Frontier and GNA combined forces to grow CEC’s annual Symposium from a one-day meeting of EPIC stakeholders to a two-day conference and innovation showcase that appeals to a wide range of audiences. Additionally, we implemented four one-day forums each year as an opportunity to drill down into timely topics like building decarbonization and grid resiliency. Frontier Energy and The Cassimere Group work together to rebuild the static Energy Innovation database into an interactive, graphic rich website.

The first Symposium was scheduled for April 1 and 2, 2020, and the team had to quickly pivot to react to the COVID-19 crisis. To meet the Energy Commission’s legislative requirements for public reporting, the GNA/ Frontier team sped up development of the website, flipped the schedule to conduct two virtual forums in late spring and early summer, and pushed the Symposium to November. It was an important, and very fast, swizzle of the tech transfer plan that ensures that energy R&D continues to transform the market.

Flow Battery Components



Flow batteries based on vanadium, zinc, and iron chemistries offer the promise of lower-cost and safer grid integration of large quantities of wind and solar power.



Transportation



Buildings



Industrial



Agriculture



Sequestration

FRONTIER ENERGY:

- Identified and coordinates the Technical Advisory Committee
- Develops break-out session topics and themes for forums and the Symposium
- Identifies and engages speakers, moderators, and panelists with an emphasis on diversity and inclusivity
- Helps to develop and execute pitch sessions for EPIC-funded entrepreneurs and start-ups
- Assists with Symposium and Forum outreach and audience generation
- Creates original technical illustrations and animations for the Energy Innovation Showcase website to have a consistent look and feel for all EPIC-funded programs
- Writes content for the Energy Innovation Showcase to explain highly technical topics to a variety of non-technical audiences
- Staffs in-person events and facilitates interactive online events



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