



ARPA-E OPEN 2018: Concept Paper Synopsis

Project Title

LBNL Prime: Lead Investigator

Partner Prime: Lead Investigator or organization

Key Participants and Affiliations

Proposed FTEs (LBNL)

ARPA-E funding requested

New space/resources needed?

Est. Lab cost-share (5%)

Proposed project duration

Collaborating LBNL Divisions & Facilities /Partner Capabilities & Facilities

Summary

Proposed technology 1500 characters max

Include ARPA-E OPEN 2018 Technical Subcategory or Subcategories (FOA pages 6-11). Identify & describe the energy opportunity, the challenge that needs to be solved and the potential for transformational & disruptive solutions.

Proposed targets 1500 characters max

Identify quantitative performance and cost targets. For example, metrics for a battery material could include active sites, stability, energy density, recharge time and manufacturing costs.

Anticipated alignment with ARPA-E Missions 650 characters max; no symbols or special characters

Describe the positive impact on at least one of the ARPA-E mission areas (Section 1.A. of the FOA)

Anticipated alignment on LBNL & Partner Missions 650 characters max

Describe anticipated impacts/improvements that are of strategic importance to collaborating institutions - e.g., LBNL initiatives and/or key facilities – and provide a few major objectives that would lead to a larger goal, future funding targets