



Energy

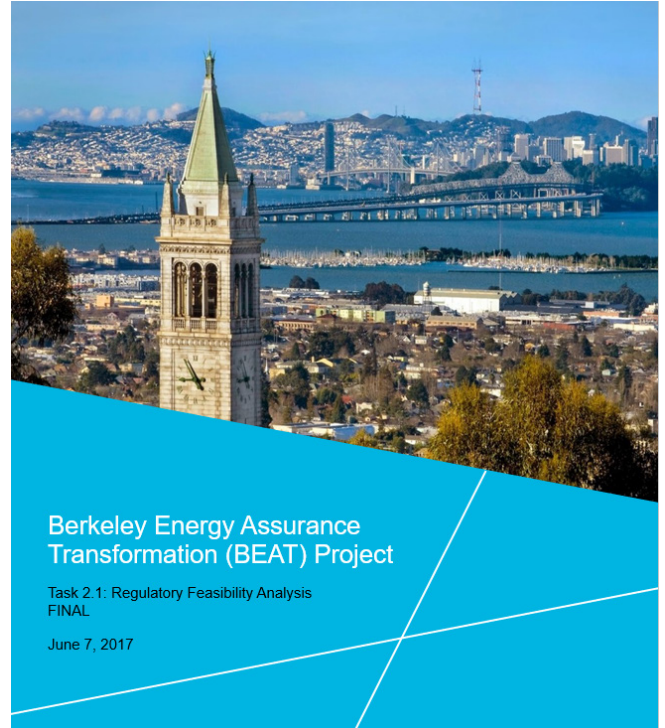
# Berkeley Microgrid Project

Client: Association of Bay Area Governments on behalf of the City of Berkeley  
2017–2018

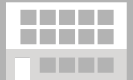
The Berkeley Energy Assurance Transformation (BEAT) project considered an innovative, scalable, and repeatable model for advancing energy reliability, increasing energy efficiency and sustainable water use, and improving access to clean energy for public and private facilities in a dense urban context.

Clean energy microgrids were at the core of the project, and the City of Berkeley wanted to develop a demonstration microgrid that connected multiple facilities into an Advanced Energy Community in dense urban area, something that hadn't been done before.

The BEAT project team navigated uncharted territory and consulted with multiple stakeholders to anticipate potential barriers and identify regulatory areas to be further clarified and resolved. Frontier Energy was part of the ABAG Regulatory sub-team. We worked with ABAG and other partners to develop and finalize studies about local permitting and regulatory opportunities and barriers, and recommended a regulatory path to accelerate advancement of a multi-facility clean energy microgrid.



Transportation



Buildings



Industrial



Agriculture



Sequestration

## FRONTIER ENERGY:

- Researched and recommended a regulatory path to accelerate advancement of multi-facility clean energy microgrid in Berkeley
- Produced a Local Regulatory Analyses Report and Local Regulatory Pathway Report that identified and articulated regulatory needs
- Developed a Knowledge Transfer Plan and Knowledge Transfer Report



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