# EBCE Provided Technical Assistance for Designing All-Electric Buildings

East Bay Community Energy has retained the Association for Energy Affordability to provide developers and design teams free design assistance to successfully implement all-electric building strategies for high rise multi-family buildings. AEA has extensive energy consulting experience across California on all-electric buildings, including both new construction and retrofits.

This technical assistance will be prioritized for high rise multi-family buildings later in the design with permitting planned in 2019 early 2020.

The free assistance will include up to 40 hours of free design assistance which may include:

* **RFQs and RFPs** – Assist developers with language for Requests for Qualifications/Proposals to help identify sub-consultants and contractors with all-electric experience.
* **Gap Analysis** –Work with design teams to perform gap analysis of major and minor hurdles to achieving all-electric design so the team can begin addressing each issue systematically.
* **Design Charrette** –Facilitate detailed all-electric strategy & design charrettes to help design teams develop holistic approaches to building systems electrification and break down silos.
* **Equipment Options Analysis** – All-electric equipment options may be unfamiliar to some design teams, and AEA can help identify options and help teams consider advantages and disadvantages of different approaches.
* **Equipment Manufacturer Coordination** – While not intended to replace close engineer coordination with equipment manufacturers, AEA can connect design teams with manufacturers of all-electric equipment to facilitate design review and assistance from manufacturer representatives.
* **Central Heat Pump Water Heating Review** –Help review central heat pump water heating systems for feasibility and performance, and suggest approaches for improved performance.
* **Help Develop Startup, Commissioning, and M&V Scope** – Help design teams identify standards and requirements for startup, commissioning, and M&V to help ensure system performance. *Note that actual performance of startup, commissioning, and M&V would fall outside of this consulting scope.*

Developers may apply for the Technical Assistance using submitting the following information. Please fill out the information below and email to jross@ebce.org

Developer Name:

Developer Contact Phone:

Developer Contact email:

Developments applying for technical assistance

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| Development Name | City | Code Cycle (’16, ’19, ’21) | Est Permit Submission (mm/yy) | Est Const. Start(mm/yy) | Est Completion Date (mm/yy) | # Dwelling Units | Avg. # Bedrooms | % Market Rate units | % Floor area mixed use |
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For questions, please contact JP Ross @ jross@ebce.org