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On 8/12/16 Workshop on Barriers of Low-Income and Disadvantaged Communities

Additional submitted attachment is included below.

AEA's Role in California Multifamily Energy Efficiency Efforts:

AEA is a 501(c)(3) not-for-profit technical services and training organization dedicated to achieving energy efficiency in new and existing buildings in order to foster and maintain affordable and healthy housing for low-income residences throughout the country.

AEA opened its West Coast office in California five years ago, and has since been a leader in providing energy efficiency and green building technical assistance in a variety of forms to thousands of low income multi-unit residences throughout the state. Some of AEA's technical services offerings in California have included:

- Multifamily Energy Efficiency Program Implementation
- Energy Efficiency and Green Building Training and Certification
- Comprehensive Energy Audits (ASHRAE Level 1, 2 & 3)
- Green Building Certifications (LEED, GreenPoint Rated)
- Commissioning and Retro-commissioning Services (Cx and RCx)
- Architectural Design and Engineering Assistance & Specification Development
- Energy and Water Benchmarking
- Title-24 Energy Modeling and Compliance Work
- California Tax Credit Allocation Committee (TCAC) Sustainable Building Methods Consulting
- California Utility Allowance Calculations (CUAC)
- Building Operations Manuals
- CA HERS Rating & Diagnostic Testing
- Construction Oversight & Procurement Assistance
- Green Physical Needs Assessments

Program Implementation and Technical Assistance:

AEA is currently involved in implementing whole building multifamily retrofit programs throughout California, most of which serve both low income and market rate properties. In each of these programs AEA works directly with property owners and design teams to schedule and perform on-site property assessments, develop energy models and savings calculations, produce comprehensive scopes of work, and document all findings and recommendations in detailed energy audit reports. Additionally, for most of these programs AEA assists owners in accessing financing and/or rebates; develops detailed measure specifications; communicates the findings to property owners, contractors, program administrators and other key stakeholders; assists owners with contractor procurement; reviews and evaluates contractor bids to ensure cost control; and performs on-site interim construction inspections and final post construction verification inspections.

AEA provides comprehensive energy audits and associated technical services under the below listed multifamily whole building programs in California. (This list does not include the numerous multifamily programs that AEA implements throughout other parts of the country, nor non-program direct technical assistance and consulting services provided directly to multifamily property owners.):

- **CSD's Low Income Weatherization Program – Large Multifamily** - Program Implementer and Sole Technical Assistance Provider
- **BayREN's Bay Area Multifamily Building Enhancements Program** –Sole Technical Assistance Provider

- **Marin Clean Energy Multifamily Energy Efficiency Program** – Sole Technical Assistance Provider
- **CHPC/SAFH Rate Payer Integrated On-bill Repayment Pilot Program** – Sole Technical Assistance Provider
- **SCE/SCG Multifamily Energy Upgrade California Program** – One of 3 selected Technical Assistance Providers
- **SDG&E Multifamily Energy Upgrade California Program** – One of 4 selected Technical Assistance Providers (Raters)
- **PG&E, SMUD, and SoCalREN Multifamily Energy Upgrade California** – Approved Raters
- **Tax Credit Allocation Committee** – Technical Advisory Committee members for the Sustainable Building Methods (SBM), and market leading SBM consultants.