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Title: Heat Pumps: Scaling Electrification of Multifamily Buildings

Abstract: 45% of San Francisco's carbon emissions come from electricity and natural gas used in buildings. Electrification of the end-use services (space heating and water heating) in buildings, particularly multifamily is one of the key strategies to achieve deep carbon reductions. Electrification of existing multifamily buildings can be tricky, but the group leading this session has done it. Our objective is to share the experience of an affordable housing owner in the midst of electrifying existing buildings; their design-build contractor, who understands what it takes to implement electrification of existing buildings, particularly around central heat pump water heating; and the energy efficiency program implementers who are bringing the technical assistance and funding to help make these projects happen. Join us for a lively discussion on scaling practical approaches to electrification of multifamily buildings and help shape future policy thinking and design of the efficiency programs. Tenderloin Neighborhood Development Corporation (TNDC), an affordable housing developer in San Francisco shares why electrification matters in multifamily and strategies to navigate challenges implementing it in existing buildings. BrightPower, a design-build contractor shares on-the-ground experience working with owners to get buy-in on implementing electric heat pumps and designing them as a replacement system to central natural gas water heating. Association for Energy Affordability (AEA) shares their expertise in program design and how their technical assistance enables owners to pursue electrification, scaling greenhouse gas emission reduction to meet California's climate goals.