

DOCKETED

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It is cost-effective to require reversible ACs

Dear CEC Staff, Commissioners and the Public,

In 2005 I began a Project Management job with a large GC. I was responsible for cost estimating, and it was in 2007 that I determined it was less expensive to use a reversible AC ("heat pump") than an AC with a gas furnace, and realized the entire American South had a similar understanding of construction costs--they have trended all-electric since 1993. A common cost difference between an AC and the identical Heat Pump is 10%, or \$200-\$300. But the gas furnace is \$600-\$1200 more than the AC. Since then I have advocated for all-electric construction as a cost savings measure. Please help Californians save money by avoiding the cost a new gas furnace. Sincerely,
Sean Armstrong. Principal of Redwood Energy.