

**DOCKETED**

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### **consider heat pumps with thermal storage**

In response to questions #3 and #11, I wanted to advocate that the CEC consider supporting research and development of heatpump systems with integrated thermal storage as a type of BTM backup. As we push for full electrification, the importance of and burden on electrical storage will continue to increase. By incorporating thermal storage - assuming that electrical storage is also available - a heat pump system can continue to meet heating and cooling needs at a greatly reduced power draw by avoiding the need to run the compressor. There are at least a few startups currently working on systems of this sort (Stow Energy is one example; I have no affiliation to them). CEC should support this line of technological development.