DOCKETED

Docket Number:	19-BSTD-02
Project Title:	Residential Alternative Calculation Method Variable Capacity Heat Pump Modeling Approach
TN #:	230305
Document Title:	2019 Residential VCHP Software
Description:	Efficiency inputs related to the 2019 residential variable capacity heat pump (VCHP) research software.
Filer:	Adrian Ownby
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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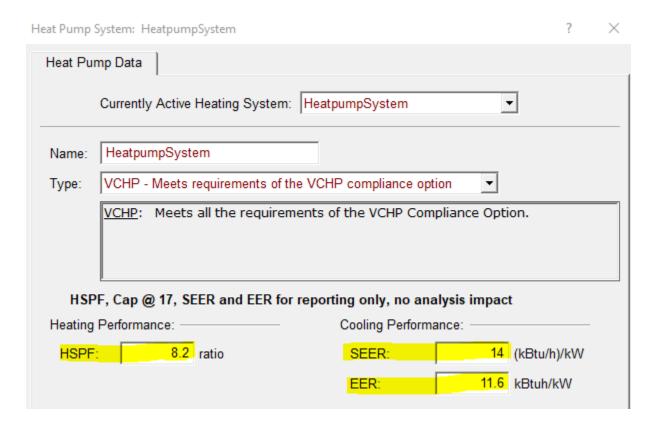
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Description: Efficiency inputs related to the 2019 residential variable capacity heat pump (VCHP) research software.

CBECC-Res 2019.1.0 software includes the ability to test the variable capacity heat pump (VCHP) compliance option for research purposes. In order for the compliance option to calculate properly, the user inputs for the heating performance and cooling performance need to be left as default values or manually changed to:

HSPF: 8.2
SEER: 14.0
EER: 11.6

The VCHP functionality is for research purposes only and CANNOT be used to show compliance. The CF1R document can be generated but will be watermarked "Not Useable For Compliance".