

Market Transformation in Heating: The Experience in Maine

Restructuring Roundtable Boston, MA December 8, 2023

Michael D. Stoddard Executive Director

Heat Pumps (HPs) coming in all shapes and sizes facilitates

whole-home (whole building) solutions

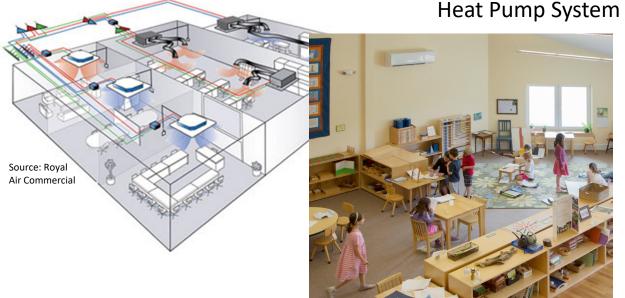


Mini-split

Heat Pumps



VRF





Vertical Terminal

Heat Pump System

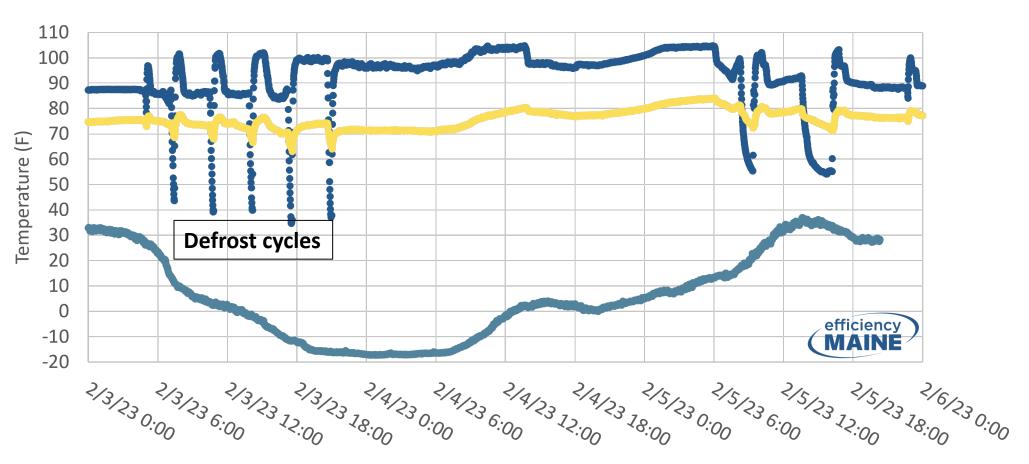
Coming Soon: Hydronic

efficiency MAINE

Source: Mitsubishi Electric

HPs make enough heat in Maine to heat the whole home (or building) ... <u>ALL YEAR LONG!</u>

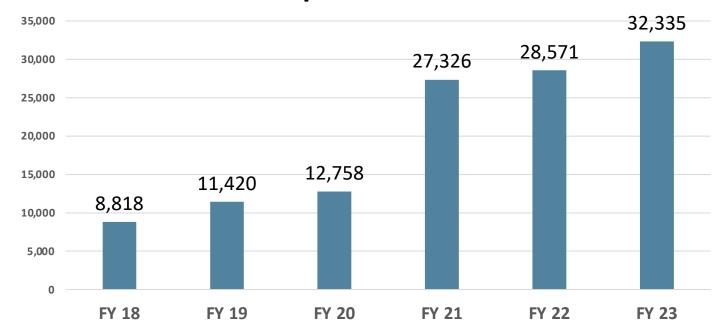
(Coldsnap of Feb. 3-4, 2023, Hancock, Maine, at -16° F the HP's are still producing 90-100 degree heat)







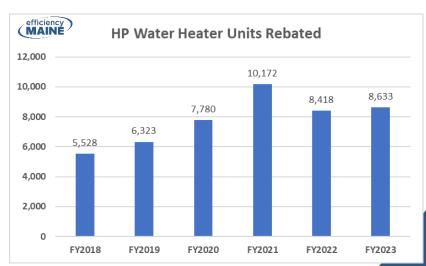
Heat Pumps Rebated Per Year





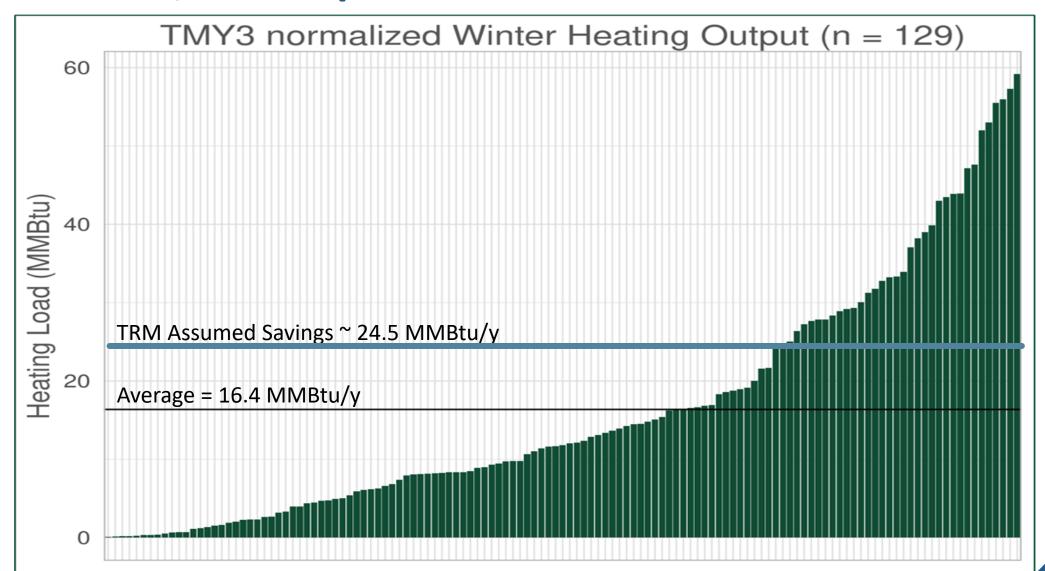
Scaling Up HP Adoption in ME: Effects of Incentives + Education







2/3 of supplemental HPs in ME are delivering less than 1/2 their potential





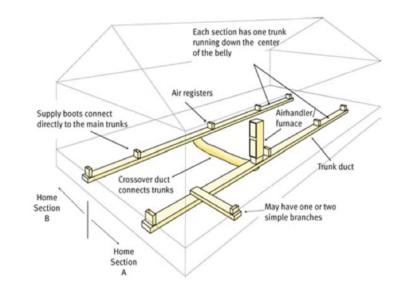
Efficiency Maine program promotes ducted, wholehome solution for mobile homes



Indoor Unit



Duct Work Layout





Outdoor Unit



Equity: Market-based programs are distributing heat pump rebates throughout DACs, rural & northern Maine

