

July 15, 2021

Kjell Anderson, Chair – Energy TAG
Washington State Building Code Council
1500 Jefferson St SE
Olympia, WA 98501

Dear Mr. Anderson,

We understand that there are two energy code proposals currently under consideration by the Energy Technical Advisory Group for the 2021 edition of the Washington State Energy Code:

- 21-GP1-103: Space Heating Proposal
- 21-GP1-136: Heat Pump Water Heating

As manufacturers and sales representatives of heat pump products for space and water heating in buildings covered by this code, we thought it important to share our knowledge of the performance characteristics of this type of equipment.

Heat pump technology has progressed rapidly over the last few years in both its overall efficiency and in its ability to function in cold climate conditions. Historically, ambient temperatures below freezing often required reliance on auxiliary heating to maintain temperature. Today, and increasingly over the next two to three years, there are readily available and affordable equipment options that will provide reliable and efficient performance in the design temperatures found throughout Washington State.

We hope that this information is helpful to you and others at the State Building Code Council as you continue your deliberation on these proposals.

Respectfully yours,

Rand Conger, Johnson Barrow

Billy Kodosky, AirReps



Daniel Silva, AERMEC

Shaun Vig, Mitsubishi

