

**From:** Robin Crowder <rbcrowder@21acres.org>  
**Sent:** Tuesday, February 1, 2022 3:28 PM  
**To:** DES SBCC <sbcc@des.wa.gov>  
**Subject:** RE: Proposed updates to the Washington State commercial energy code

External Email

Andrew Klein, Chair  
WA State Building Code Council  
SBC Building Code Technical Advisory Group

Dear Chairperson and Members of the State Building Code Council:  
We are writing to you today to urge you to approve the proposed updates to the Washington State commercial energy code to require new commercial buildings be built with clean electric heat pumps and heat pump water heaters.

At 21 Acres in Woodinville, WA, our LEED Platinum certified green building was built to incorporate natural and built environments. Transitioning to renewable energy and working to make building systems efficient are major steps in impacting climate change. The entire building is heated with ground source heat pumps that distribute heat through a radiant floor system. The highly efficient system transfers heat energy from the earth and results in a thermal efficiency of over 300%. 21 Acres also utilizes a ground source heat pump for heating domestic hot water. All of 21 Acres' building systems were carefully designed and integrated to reduce the demand for energy and serve as a solution to climate change, essentially affecting our local food systems.

We strongly support your efforts to put policies in place to reduce Green House Gas Emissions (GHG) and invest in a more sustainable, healthier and equitable future. Please move forward with the proposed amendments to the Washington building code to electrify our buildings and transition our economy away from fossil fuels.

Please consider our 21 Acres campus and resources for any education or demonstration opportunities you may deem appropriate. Our team would welcome your Committee members and staff to visit, take a tour and learn about our building, green energy systems and regenerative farming practices.

If you'd like to discuss further, we're always eager to initiate a conversation!

Sincerely,

Robin

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Robin B Crowder (she/her)  
Co-Director  
21 Acres Center for Local Food and Sustainable Living  
13701 NE 171st Street  
Woodinville, WA 98072  
360-224-7220 (c) | 425-481-1500 (o)  
[21acres.org](http://21acres.org)

*We inspire action to solve climate challenges by learning as a community to grow, eat and live sustainably.*