

Hot Links! From the Desk of Dan



Overall Guides

- [Toolkit for air source heat pump sizing and selection \(canada.ca\)](#)
- [Air Source Heat Pump Installer and Consumer Resources | Northeast Energy Efficiency Partnerships \(neep.org\)](#)
- [CEE1 Contractor and Homeowner Guides](#)

Load Calcs

- HVAC ST – the load calc too used during training - <https://hvac.betterbuiltnw.com/>
 - o YouTube video training - <https://www.youtube.com/@betterbuiltnw6204/videos>
- NEEP Page on Load Calcs with resources – <https://neep.org/installer-and-consumer-resources/design-load-calculation-tools>
- ASHRAE Design Conditions - <https://ashrae-meteo.info/v2.0/index.php?lat=39.833&lng=-104.658&place=%27%27&wmo=725650>
- Data collection examples and resources - <https://www.energyvanguard.com/hvac-design/data-collection/>

Sizing and Selection

- NEEP Tool [ASHP \(neep.org\)](#)
- NEEP Tool – [Cold Climate Heat Pump Sizing Support Tool Users Guide](#)
- [Manual S Online Viewer](#)

Tools and Apps for Pressure and Airflow testing

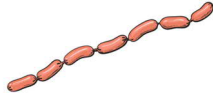
- [TEC support videos](#)
- [TEC Smart Apps video](#)
- [measureQuick](#)

Controls

- [Use thermostat support sheets as a reference – From Bonneville Power Administration](#)
- [Switchover Guide](#)
- [Controls Guide](#)

Cool new things coming

- [Conduit Tech \(LIDAR scanning tool for take-offs and load calcs\)](#)
- [AmPLY | Design Software for Heat Pump Pros](#)



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Weatherization

- [DOEs Standard Work Specifications for almost all weatherization measures](#)
- [Midwest Weatherization Best Practices \(older but Midwest focused\)](#)
- [BPA Wx Best Practices – Recent and decent Wx BP Document](#)
- Building America Solution Center
 - o [Existing Homes](#)
 - o [Home Improvement Expert](#)

Trainings and Resources

- [NY Clean Heat Trainings](#)
 - o See the Technical and Administrative PPTs
- [DOE Building Science Education Solution Center \(HVAC and Wx both included\)](#)
- Minnesota Air Source Heat Pump Collaboration
 - o [Resources](#)
 - o [Trainings](#)