

# Electric Heat Pumps for Domestic Space and Water Heating: Applications and Considerations



**Class Description:** Interested in reducing residential greenhouse gas emissions and creating Zero Net Energy buildings (ZNE)! This class focuses on efficiency gains and emissions reduction from electric heat pumps. It will also cover the advantages and limitations of these systems, the available technology and available refrigerant types. It will provide an overview of Heat Pumps use in space heating including both ducted and ductless systems. The space heating discussion will also cover the Indoor Air Quality (IAQ) issues and considerations for building enclosures. In addition, the use of Heat Pumps for water heating will be introduced and discussed. Other water heating strategies such as solar thermal and recirculation systems will be compared as well.

**Instructor:** Dan Perunko, Balance Point Home Performance Inc.

**Location:** San Jose, Environmental Innovation Center (EIC), 1608 Las Plumas Ave, San Jose, CA 95133

**Date and Time:** Thursday, June 20, 2019 | 9:00 AM to 4:30 PM

For additional information and to register for this class please visit:  
[www.pge.com/energyclasses](http://www.pge.com/energyclasses) or [follow this link](#)

