



November 26, 2018

Job description: Mechanical Engineer

Phase Change Energy Solutions is seeking a Mechanical Engineer to conduct experimental tasks, data analysis, and engineering designs to assist the company on energy-related projects such as improving the energy efficiency of buildings' air-conditioning (HVAC) systems. The Mechanical Engineer will: Test phase change materials for use in energy efficient commercial, residential, medical, governmental, and storage spaces; will test real-life scientific engineering solutions and products for energy saving in new or pre-existing structures and spaces.

Responsibilities include: Preparing project status reports by collecting, analyzing and summarizing data and trends; recommending actions, analysis of the customer building, current HVAC system and energy savings goals; providing customer with an estimate of the type, amount and proposed installation location of phase change materials products; preparing Measurement and Verification (M&V) plans for customer pilot studies, including selection of sensor number, type and placement.

The successful applicant must have:

- BSc or MSc degree in Engineering with 3+ years of experience
- Experience in computational modelling and simulation of building (EnergyPlus, Modelica, eQuest, TRNSYS, Etc) utilizing phase change materials.

To apply, send a resume and cover letter to:

Theresa Jones ATTN Position 060053-47, by email (tjones@phasechange.com) or mail (120 E. Pritchard St., Asheboro, NC 27203).