

PROVIDING HIGH QUALITY DATA TO DEVELOP AND VALIDATE PV MODELS

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ABSTRACT

The National Renewable Energy Laboratory created a PV module testing facility that is being located at different sites around the country to provide high quality data to test and validate PV performance models. The facility will be located in Eugene, Oregon from December 2012 to February 2014. The rationale for the PV module test facility and activities planned while it is at the University of Oregon are discussed. Spectral data will be included along with global, beam, diffuse, and tilted data. Data will be averaged over five-second intervals and IV curve traces will be run every five minutes on 15 modules.