

Kristian Dixon, Technical Lead for In-house Blade Design Projects, Envision Energy, USA

Kristian Dixon completed his B.A.Sc. in engineering science/aerospace engineering at the University of Toronto and his M.Sc. in aerospace engineering at TU Delft (Netherlands). His M.Sc. thesis work was on the modeling of the near-wake structures of vertical-axis wind turbines. Kristian joined Siemens Wind Power a few months after graduating in 2008, working in both Denmark and Boulder Colorado and spent nearly 8 years with SWP before joining Envision Energy in mid-2016. Kristian has worked on several blade design efforts and developed countless optimization frameworks, tools, and models for use in design and optimization. Kristian is currently the technical lead for Envision's in-house blade design projects. His current interests have also expanded to include turbine system level modelling in support of better trade-space analysis and decision making at the product level.