



**T.J. BOYLE ASSOCIATES**  
LANDSCAPE ARCHITECTURE & PLANNING

**Jeremy B. Owens, PLA**

Senior Landscape Architect

**Education**

1999-2003 Bachelor of Landscape Architecture, College of Environment and Design, University of Georgia, Athens, Georgia

**Professional Registration**

2011 – Present Licensed Landscape Architect, Vermont No. 81305

**Professional Experience**

2017-present Senior Landscape Architect, T.J. Boyle Associates, LLC, Burlington, Vermont  
 2004-2016 Associate Landscape Architect, T.J. Boyle Associates, LLC, Burlington, Vermont  
 2004 Byers Engineering Company, Atlanta, Georgia

**Related Project Experience**

***Bullrock Deutsche-Eco Solar Projects*** – Conducted an aesthetic review under Vermont Section 248 for various electric generation facilities located throughout Vermont, including field analysis, GIS viewshed analysis, aesthetic report, and landscape mitigation and/or photographic simulations as appropriate. Projects include BDE Addison Lazar Solar, BDE Cabot Lazar Solar, BDE Danville Lazar Solar, BDE East Montpelier Lazar Solar, BDE Fairfield Lazar Solar, BDE Grand Isle Solar, BDE New Haven Lazar Solar, BDE North Ferrisburgh Lazar Solar, BDE Sheldon Lazar Solar, BDE Sheldon Main Lazar Solar, BDE Sheldon Woods Lazar Solar, BDE Vergennes Lazar Solar, BDE Waterford Duck Pond Lazar Solar, and BDE Waterford Lower Waterford Lazar Solar.

***Green Lantern Capital Solar Projects*** – Conducted an aesthetic review under Vermont Section 248 for various net-metered electric generation facilities located throughout Vermont, including field analysis, GIS viewshed analysis, aesthetic report, and landscape mitigation as appropriate. Projects include Addison GLC Solar, Brandon GLC Solar, Cambridge GLC Solar, Charter Hill Solar, Dean Road GLC Solar, Derby GLC Solar, East New Haven GLC Solar, Ferrisburgh GLC Solar, Panton GLC Solar, Sudbury GLC Solar, Vergennes GLC Solar, Wells River GLC Solar, Westman GLC Solar, among others.

***DPS Aesthetic and Orderly Development Review Projects*** – Conduct an aesthetic analysis or review of electric generation projects to assist the Vermont Public Service Department under Section 248 proceedings. Projects include Orchard Road Solar, Wallingford Solar, and Babcock Solar.

***GMP Stafford Hill Solar Farm*** – Conducted an aesthetic review under Section 248 for an award-winning 2.3 MW solar electric generation facility located in Rutland, VT, including a field analysis, GIS viewshed analysis and aesthetic report.

***GMP Substation and Transmission Projects*** – Conducted an aesthetic review under Section 248 for various substation projects, including new substations, expansions and rebuilds. Projects include Jay Synchronous Condenser, White River Junction 46 kV, 3307 Line Relocation, Airport Substation, Barre North End Substation, Barre South End Substation, and the Websterville Substation.

***Northern Pass Transmission Project – Environmental Impact Statement*** – Coordinator for the visualization and GIS viewshed analysis portion of an EIS for a 180-mile HVDC/AC transmission line extending from Canada to Deerfield, New Hampshire, including through the White Mountain National Forest. T.J. Boyle Associates was a sub consultant to SE Group, who coordinated the EIS for the US Department of Energy. Duties included complex GIS analysis, field visit and data collection, and leading the photographic simulation and GIS viewshed efforts.

***Review of the Northern Pass Transmission Line Visual Impact Assessment*** – One of three principal reviewers of the Northern Pass Visual Impact Assessment for the New Hampshire Counsel for the Public. Duties included complex GIS analysis, field visit and data collection, methodology critique, report preparation and testimony before the New Hampshire Site Evaluation Committee.

***Environmental Assessment for Wind Resources Offshore Georgia*** – Prepared 7 photographic simulations, 9 panoramic photomontages, and 1 night-time photographic animation as part of an Environmental Assessment for the Bureau of Ocean Energy Management. Additional duties included site visits, aesthetic report review, and helping prepare language for the aesthetics portion of the Draft & Final EA.

***Red Hills Mine*** – Prepared 9 photographic simulations as part of a supplemental Visual Impact Assessment to a pre-existing Environmental Impact Assessment for the Red Hills Mine in Ackerman, Mississippi, owned by the North American Coal Corporation.

***Visualization Study for Offshore North Carolina*** – Prepared 234 photographic simulations, 21 panoramic photomontages, 48 photographic animations, and 6 video simulations of offshore wind farms for the Bureau of Ocean Energy Management. The project included simulating more than 21,000 different wind turbine types/locations from 18 different viewpoints along North Carolina's Outer Banks.

***New York State DOT Visual Impact Statement Short Course*** – One of four instructors to teach a Visual Impact Statement course to New York State's Department of Transportation's landscape architects. Focused on simulation and visualization technologies, including static simulation creation and review, viewpoint documentation, CAD modeling and image overlay, image sampling and exhibit creation. Additional items were discussed including simulation accuracy/credibility and emerging dynamic simulation technologies such as SketchUp, ArcScene and Google Earth Pro.

***VELCO - Lamoille County Project*** – Managed many aspects of a 115 kV transmission line project, including preparation of aesthetic analysis exhibits, simulations, GIS analysis, pre-filed testimony and aesthetic mitigation plans for and during the construction process.

***VELCO - Southern Loop Project*** – Provided exhibits for the Vermont Public Service Board, including substation and transmission corridor simulations, GIS mapping, and aesthetic analysis. Prepared a 3D GIS model for visual analysis of the transmission corridor incorporating the transmission line design, surrounding buildings, trees, and other relative planning data.

***VELCO - East Avenue Loop Project*** – Prepared a 3D GIS Model for the entire EAL 115 kV transmission line corridor for aesthetic analysis and presentations that incorporated the 3D transmission line design, 3D buildings, 3D trees, and other relative planning data into a movie derived from ESRI ArcScene. Conducted field visibility tests of the proposed structures using balloons and provided aesthetic analysis support.

***Deerfield Wind Project*** – Gathered field data and prepared various viewshed analysis maps depicting proposed wind turbines and their visibility throughout the surrounding area, as well as various other GIS maps included in the aesthetic report.

***Beekmantown Wind Project*** – Conducted preliminary field visibility tests using balloons and prepared simulations and viewshed maps for 13 proposed wind turbines located in Beekmantown, New York.