



## “Knowing your Site and Sticking To It”

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### **Biography:** Mr. Greg Trowse, Fundy Tidal Inc.

Greg leads technical evaluation and development at Fundy Tidal, currently focused on tidal projects in the preliminary engineering design phase including Digby Gut (1.95 MW), Grand Passage (500 kW), and Petit Passage (500 kW). His background is in environmental engineering and physical oceanography. Greg’s current focus areas include resource assessment, detailed site assessment, environment, and grid interconnection.

With respect to site assessment, Greg led the Tidal Energy Potential Reconnaissance portion of the OERA funded, Southwest Nova Scotia Tidal Resource Assessment. For this work he developed low-profile surface drifters and a methodology for conducting initial tidal energy site assessments. Greg is leading ongoing development of the drifters for use in detailed site characterization to support engineering design data requirements. Greg is the Chair of the Scientific Committee for the Acadia led, NRCan ecoEII project, “Reducing the cost of in-stream tidal energy generation through comprehensive hydrodynamic site assessment.” He provides project management services; collaborates with project partners to evaluate and select tidal turbine berth sites and on system design (cable route, moorings, support structure, and monitoring instrumentation); and planning and execution of field activities. Greg is a shadow committee member for TC114, contributing to international standards for Tidal Resource Characterization and Assessment.