## PhD Dissertation Department of Environmental Science and Policy College of Science George Mason University

Candidate: Ken Sandler Defense Date and Time: August 13, 2020, 10:00am-12:00pm Defense Location: Webex Title: The Impact of Sierra Club's Beyond Coal Program on Proposed New Coal-Fired Power Plants at the Turn of the 21st Century

**Dissertation Director:** Dr. A. Alonso Aguirre **Committee:** Dr. David M. Hart, Dr. Sharon deMonsabert, Donald M. Kreis, J.D.

## ABSTRACT

After President George W. Bush encouraged the development of hundreds of new coal-fired power

plants, the Sierra Club created a program, Beyond Coal, to oppose these plants and prevent a surge in

greenhouse gas emissions. Ultimately, 86.4% of these projects failed. My dissertation explored both the

extent to which these failures could be attributed to Beyond Coal and its overall strategy, which forced

project delays as economic and political pressures on plant developers increased.