

**EXPLORING A JOB IN THE ENERGY INDUSTRY**

**MAY ADVANCE THESE NEXT GENERATION SCIENCE STANDARDS:**

**Life Science 2 *Ecosystems: Interactions, Energy, and Dynamics***

Students who demonstrate understanding can:

**HS-LS2-7.**

**Design, evaluate, and refine a solution for reducing the impacts of human activities on the environment and biodiversity.\***

**Engineering, Technology, and Applications of Science 1 *Engineering Design***

Students who demonstrate understanding can:

**HS-ETS1-1.**

**Analyze a major global challenge to specify qualitative and quantitative criteria and constraints for solutions that account for societal needs and wants.**

**HS-ETS1-3.**

**Evaluate a solution to a complex real-world problem based on prioritized criteria and trade-offs that account for a range of constraints, including cost, safety, reliability, and aesthetics as well as possible social, cultural, and environmental impacts.**