# Scope

The Up-Tower Rotor Rotation micro-credential sets the minimum requirements for a person to demonstrate competency to safely rotate the rotor of a wind turbine to a given position using the pitch and brake system.

Rotation of the rotor up tower is a process that must be thought through carefully and requires attention to potential hazards inside the nacelle and precautions to avoid a runaway condition. With some platforms a worm gear can be used to rotate the rotor into the desired position in lieu of pitching the blades.

# MICRO-CREDENTIAL Removal of Nacelle Cover

### Explain the process of removing the nacelle cover

1. Explain why wind conditions should be considered before starting removal procedure
2. Explain what potential hazards would exist during procedure
3. Explain what electrical connections need to be disconnected
4. Explain what mechanical disconnects must be done
5. Explain the logic on when the rigging should be applied
6. Explain why a tag line is needed
7. Explain the logic and how loose cables/equipment would be secured

### Demonstrate the steps taken to remove the nacelle cover

1. Demonstrate how wind conditions would be checked and determined appropriate for cover removal.
2. Demonstrate how identified hazards would be addressed during procedure
3. Demonstrate disconnection of electrical cables and mechanical anchors
4. Demonstrate properly rigging the nacelle cover to include tag line
5. Demonstrate where and how to secure loose cables / hardware
6. Demonstrate what to look for when cover is being raised