



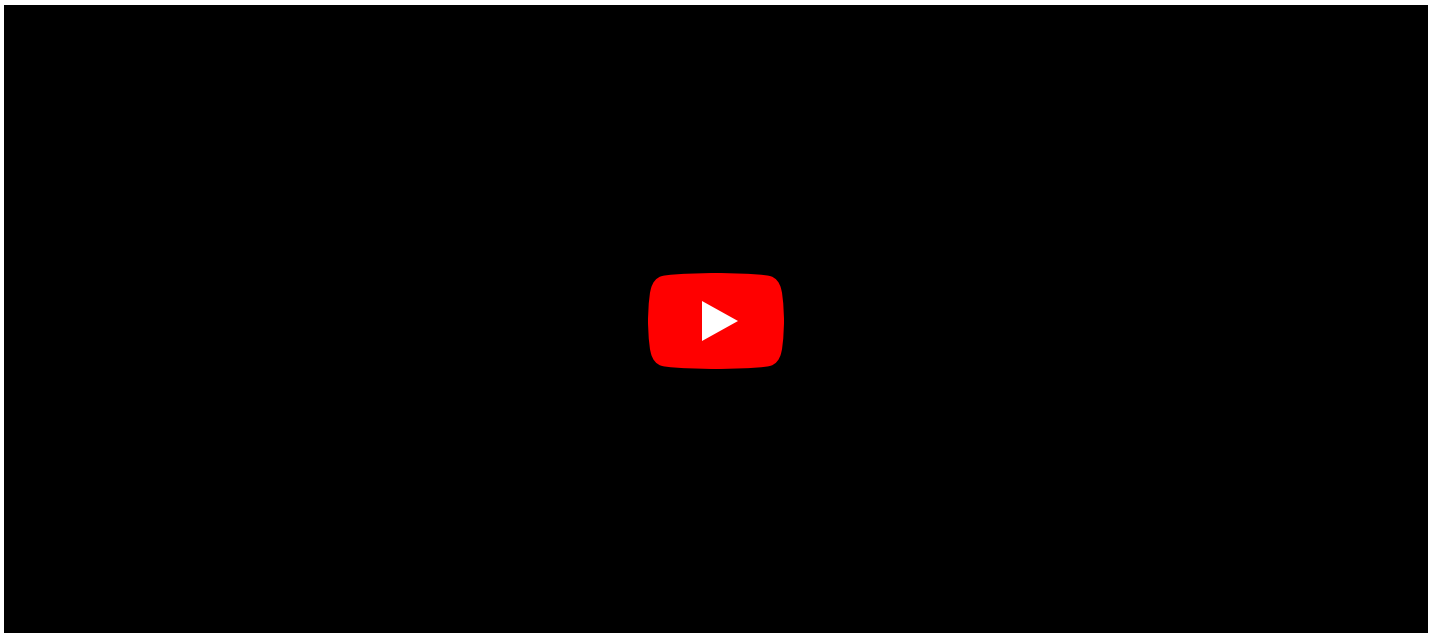
## Wind Power Generation

### MODULE

#### About the Skill Module

This skill module covers horizontal and vertical axis wind turbines, siting, and sizing.

[See demo online learning module](#)



#### Target Audience

This course is useful for senior and middle management and for anyone involved in the integration of low carbon power generation technologies into existing and future infrastructure.

#### You Will Learn

- Discuss the design and application of HAWT and VAWT wind turbines
- Calculate required wind turbine capacity based on power needed
- Calculate power available from the wind
- Choose appropriate sites for wind turbine installations
- Identify the key differences between onshore and offshore wind turbine installations
- Explain the advantages and disadvantages of offshore versus onshore wind turbines

- List the countries with the highest installed wind turbine-based power generation capacity
- Describe the process of locating suitable sites for wind turbine installation
- Describe the construction process of installing offshore and onshore wind turbines

## Product Details

Categories: [Energy Transition](#)

Disciplines: [Net Zero & Renewables](#) [Multi-Discipline Training](#)

Levels: [Basic](#)

Product Type: Individual Skill Module

Format: On-Demand

Duration: 4 hours (approx.)

**\$395.00**