# Unit 09 assessment: Telling the world

1. Using the sample paragraph provided as a source of information, complete the following:

* *Write a paraphrased version of the paragraph. Include a correct in-text citation using the ASME format that correctly refers to the citation that you will write in the last part of this assessment exercise. (3 points)*

Wind turbines are generally oriented perpendicular to the prevailing wind direction in a grid-like arrangement. The ‘footprint’, or occupying space, covered by each wind turbine is a function of its rotor diameter and thusly the turbine size/power, usually separated from one another by spacing of 5-10 rotor diameters. While minimizing the distance between turbine footprints proves economically beneficial (reducing grid size and total occupying space), turbine wave effects actually diminish the energy production/effectiveness of downwind turbines. [1]

* *Write a summarized version of the paragraph. Include a correct in-text citation using the ASME format that correctly refers to the citation that you will write in the last part of this assessment exercise. (3 points)*

Wind turbines are often arranged in grid formations with ample space between them, directed perpendicular to the prevailing wind direction. The dedicated space for a turbine is determined by its size, which is proportional to its energy production. Reducing the space between turbines seems to save on operating and land costs, but also reduces the effectiveness of downwind turbines due to turbine wave effects. [1]

* *Write a quotation of the paragraph that includes the following: (3 points)*

1. *Change of case or addition of a word for clarification using square brackets [ ]*
2. *Removal of words using an ellipsis …*
3. *Include a correct in-text citation using the ASME format that correctly refers to the citation that you will write in the last part of this assessment exercise.*

“It follows that the power [development] … is dependent on the turbine size.” [1]

* *Write a citation using the ASME format as it would appear in the List of references or Works cited section of your report. (1 point)*

References

1. Fay, J. A. and Golomb, D. S., 2012, *Energy and the environment: Scientific and technological principles*, 2nd ed., Oxford University Press, New York, NY, pp.206-207.