

## 2019 Kansas State KidWind Challenge – Knowledge Quiz Sources

Note: This document includes a list of the sources used to develop questions for the knowledge quiz. If you have questions, please reach out to us ([ksenergyprog@ksu.edu](mailto:ksenergyprog@ksu.edu); 785-532-3351).

### 4<sup>th</sup>-8<sup>th</sup> grade

- **Department of Energy Wind Energy Information Web sites**
  - <https://www.energy.gov/eere/wind/how-do-wind-turbines-work>
  - <https://www.energy.gov/articles/how-wind-turbine-works>
  - <https://www.energy.gov/eere/wind/wind-energy-basics>
  - <https://www.energy.gov/eere/wind/history-us-wind-energy>
  - [www.energy.gov/eere/wind/articles/top-10-things-you-didnt-know-about-wind-power](http://www.energy.gov/eere/wind/articles/top-10-things-you-didnt-know-about-wind-power)
- **Energy Information Administration Web sites**
  - <https://www.eia.gov/state/analysis.php?sid=KS>
  - [https://www.eia.gov/energyexplained/index.php?page=wind\\_history](https://www.eia.gov/energyexplained/index.php?page=wind_history)
  - [www.eia.gov/energyexplained/index.php?page=wind\\_types\\_of\\_turbines](http://www.eia.gov/energyexplained/index.php?page=wind_types_of_turbines)
- **Other sites**
  - Sponsor website (Enel)
    - <https://kansasenergyprogram.org/sites/kansasenergyprogram/files/DOCUMENTS/Events/KidWind/EnelGreenPower-KansasFactSheet.pdf>
  - Southwest Power Pool
    - <https://www.spp.org/about-us/>
  - Bureau of Labor Statistics
    - [https://www.bls.gov/green/wind\\_energy/](https://www.bls.gov/green/wind_energy/)
  - Bloomberg
    - <https://www.bloomberg.com/news/articles/2018-04-19/u-k-goes-a-record-55-hours-without-coal-as-clean-power-expands>

## 9<sup>th</sup>-12<sup>th</sup> grade

- **Department of Energy Wind Energy Information Web sites**
  - <https://www.energy.gov/eere/wind/how-do-wind-turbines-work>
  - <https://www.energy.gov/articles/how-wind-turbine-works>
  - [www.energy.gov/eere/wind/articles/top-10-things-you-didnt-know-about-wind-power](http://www.energy.gov/eere/wind/articles/top-10-things-you-didnt-know-about-wind-power)
- **Energy Information Administration Web sites**
  - [https://www.eia.gov/energyexplained/index.php?page=wind\\_history](https://www.eia.gov/energyexplained/index.php?page=wind_history)
  - [www.eia.gov/energyexplained/index.php?page=wind\\_types\\_of\\_turbines](http://www.eia.gov/energyexplained/index.php?page=wind_types_of_turbines)
  - [https://www.eia.gov/energyexplained/index.php?page=wind\\_where](https://www.eia.gov/energyexplained/index.php?page=wind_where)
- **Other sites**
  - Sponsor website (Enel)
    - <https://kansasenergyprogram.org/sites/kansasenergyprogram/files/DOCUMENTS/Events/KidWind/EnelGreenPower-KansasFactSheet.pdf>
  - Southwest Power Pool
    - <https://www.spp.org/about-us/>
    - <https://www.spp.org/about-us/fast-facts/>
  - Bureau of Labor Statistics
    - [https://www.bls.gov/green/wind\\_energy/](https://www.bls.gov/green/wind_energy/)
  - Bloomberg
    - <https://www.bloomberg.com/news/articles/2018-04-19/u-k-goes-a-record-55-hours-without-coal-as-clean-power-expands>
  - Energy Education from University of Calgary
    - [https://energyeducation.ca/encyclopedia/Betz\\_limit](https://energyeducation.ca/encyclopedia/Betz_limit)