



# HS. Human Sustainability

## Sample Driving Questions:

"How can we raise community awareness of how our utility systems work together to save energy and resources?"

## Relevant Standards:

- HS-ESS3-1. Construct an explanation based on evidence for how the availability of natural resources, occurrence of natural hazards, and changes in climate have influenced human activity.
- HS-ESS3-2. Evaluate competing design solutions for developing, managing, and utilizing energy and mineral resources based on cost-benefit ratios.
- HS-ESS3-3. Create a computational simulation to illustrate the relationships among management of natural resources, the sustainability of human populations, and biodiversity.
- HS-ESS3-4. Evaluate or refine a technological solution that reduces impacts of human activities on natural systems.
- HS-ESS3-6. Use a computational representation to illustrate the relationships among Earth systems and how those relationships are being modified due to human activity.

## Annual Report Supplemental Resource Stories:

- [Building a Sustainable Future One Power Plant at a Time](#)
- [End of Coal](#)
- [Melting the Snow for Small Business](#)
- [Sprinting on the Snowmelt](#)
- [Working with Gravity](#)
- [Getting More for Less](#)
- [Quality Water for Quality Products](#)

## Additional HBPW Resources:

- [Tours of Water Treatment Plant or Water Reclamation Facility](#)
- [Visual Assets](#)

## About this resource:

Holland Board of Public Works is a strong advocate for educating students on where their utilities come from and how they are provided. We believe that providing context on what is happening in their community will help them to become community advocates and engaged citizens.

We have provided some ways in which our stories can supplement state standards, but we invite you to explore the stories and see in what other ways these topics might serve as a resource in your classroom. More information can be found online at <http://annualreports.hollandbpbw.com/annualreport2016/article/educator-resources>