

Spire Energy Efficiency Workshop

Agenda | June 2020

Day 1

9:00-9:45 | Welcome and Introductions

- About EarthWays Center
- Energy Concept Map (Breakout Discussion)
- Exploring U.N. Sustainable Development Goal 9

9:45-10:15 | Energy Basics

- Energy Forms (Hands on Activity)
- Kinetic vs Potential, House of Cards (Hands on Activity)
- Energy Sources

10:15-10:30 | Break

10:30-11:15 | Energy Sources & Infrastructure

- Investigating Infrastructure with EIA.gov
- Energy Source Investigation (Breakout Discussion, NEED online and presentation)

11:15 -11:30 | Lesson Plan or Unit Design Intro



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Day 2

9:15-9:30 | Electricity and Energy Efficiency

- Electricity terms with water demo (watt, voltage, amps, AC/DC)
- Conservation versus efficiency

9:30-10:15 | Energy Audits and Management Plans

- Energy Audit from NEED (Hands on Activity)
- Review energy audit and management lesson plans
- Energy bill walk through, Energy Portfolio Manager

10:15-10:30 | Break

10:30-11:15 | Workshop Units

- Small group breakout
- Share units/lessons and share feedback

11:15-11:30 | What's Next?

- Building Connections to Sustainability
- Evaluations
- Stipend Paperwork & Tools

