

# Liberty Utilities Energy Efficiency Workshop

Agenda | June 2019

## 9:00-10:00 | Welcome and Introductions

- About EarthWays Center
- Problem-Solving
- Exploring U.N. Sustainable Development Goal 7

## 10:00-10:30 | Energy Basics

- Energy Forms
- Kinetic vs Potential
- Energy Sources
- Energy Investigations (Notetaking, Differing Perspectives, Local Power)

## 10:30-11:30 | Energy Sources & Electricity

- Mining Natural Resources
- Electricity: A Secondary Source of Energy
- Exploring Systems: Coal Chain & Natural Gas Distribution

## 11:30 -12:00 Guest Speaker: Liberty Utilities

## 12:00-12:45 | Lunch

## 12:45-1:00 | Energy Source Investigations

- Energy Investigations (Notetaking, Differing Perspectives, Local Power)

## 1:00-2:00 | Energy Audits and Personal Energy Habits

- Visualizing Data
- Energy Audit

## 2:00-3:00 | Connecting Energy STEM Projects to SDG Goal 7

- Solar Ovens
- Wind Turbines
- Sealing the Envelope

## 3:00-4:00 | What's Next?

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



**Liberty Utilities**<sup>SM</sup>



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