



Date aired: 3/11/2018 6AM Time

Aired: _____

Weekly Public Affairs Program

Show # 2018-10

Total running time: 29:30 (with optional exit at 24:00)

1. **Ken Caldeira, PhD**, Atmospheric Scientist at the Carnegie Institution for Science's Department of Global Ecology

Dr. Caldeira examined 36 years of weather data and found that wind and solar power could potentially generate up to 80% of U.S. energy needs. However, it would require significant and expensive improvements to the nation's energy transmission grid. He said he was surprised to find that wind power is even less consistently available than solar. He also outlined the ways that energy providers must generate electricity by other means when renewable sources falter.

Issues covered:

Renewable Energy

Pollution

Government Infrastructure

Length: 8:16

2. **Catherine Price**, science journalist, author of "*How to Break Up with Your Phone*"

Ms. Price said that phones and apps are designed to be addictive to users. She explained how the time we spend on them damages our abilities to focus, think deeply, and form new memories. She suggested simple changes to a phone's settings that can make them less intrusive.

Issues covered:

Mental Health

Parenting

Consumer Matters

Length: 8:50

3. **Heather Schafer**, CEO for the National Volunteer Fire Council

Ms. Schafer said volunteers make up 80% of all fire services across the United States. She said the call volume in recent years has tripled, but volunteer fire departments are struggling to find younger recruits. She said younger people have less spare time to volunteer than previous generations. She outlined the many benefits of volunteering.

Issues covered:

Volunteerism

Fire Safety

Disaster Preparedness

Length: 4:53

