

OHIO STATE UNIV. EXTENSION ENERGY OUTREACH PROGRAM

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Background

➤ The OSU Extension Energy Outreach Program started in 2010 as the Shale Energy Work Group to address needs of landowners in Eastern Ohio regarding issues and leasing of ground related to shale energy development.

➤ The work group started in 2010 under the leadership of Steve Schumacher and Mike Lloyd (now both retired) with administrative support from Ken Martin. In addition, Cliff Little had been providing education on leasing ground for oil and gas exploration for many years.

➤ The OSU Extension Energy Outreach Program team meets monthly to discuss ongoing energy trends, programming and learn from invited guest speakers who present on current energy issues impacting Ohio to help provide research-based relevant programs to clientele.

➤ The energy library at energizeohio.osu.edu has a wide variety of energy programs and resources including fact sheets, bulletins and videos. A searchable database of energy efficiency and renewable energy incentives can also be filtered to meet individual needs.

Sources:

- JobsOhio – Appalachian Partnership for Economic Growth (APEG)
- Ohio's Class II Underground Injection Control Program, Michael Brown, ODNR
- Matt Cybulski, Jobs Ohio, Energy Sector
- Highland Solar Project, Patti Shorr, VP Project Development, Hecate Energy and Tony Logan, former USDA Rural Development Ohio office Director and Renewable Energy Consultant
- Sustainable Institute, Josh Knights, Director of Partnerships
- ODNR Updates, Mike McCormac
- OSU CERTAIN Updates: Dave Cole
- Farm Bureau Energy Updates: Dale Arnold
- Change in the Mix of Energy Supply, Eric Romich, OSU Extension
- TransCanada Buckeye Express
- Lessons from Monaca, PA – Gwynn Stewart, OSU Extension – Noble Co.
- Ohio Media Outlets



Shale Energy Work Group/Energy Outreach Energy Meeting Topic Examples:

- Pipeline Leasing
- Shale & Your Water Supply
- Shale Royalties Management
- ODNR Emergency Response
- Crime & Fracking
- Drilling Updates
- Pipeline Impact on Farm Soil
- Hecate Solar Windfarm
- Wildlife and Habitat Issues
- Severance Taxes: Dividing the Pie
- Philanthropy
- Ohio's Class II Brine Injection Well Program
- Lessons from Monaca, PA (*A Cracker Plant's Community Impact*)
- The Energy Impact on Ohio's Economy (*JobsOhio*)

Outreach:

Shale Royalties Workshops:

- 94% of attendees understood the difference between selling royalties vs. mineral rights better after the workshop.
- All respondents said they had a better understanding of the value of minerals in Eastern Ohio
- All respondents were more comfortable making a decision about whether or not to sell royalties/mineral rights

2019 – Energy in the News:

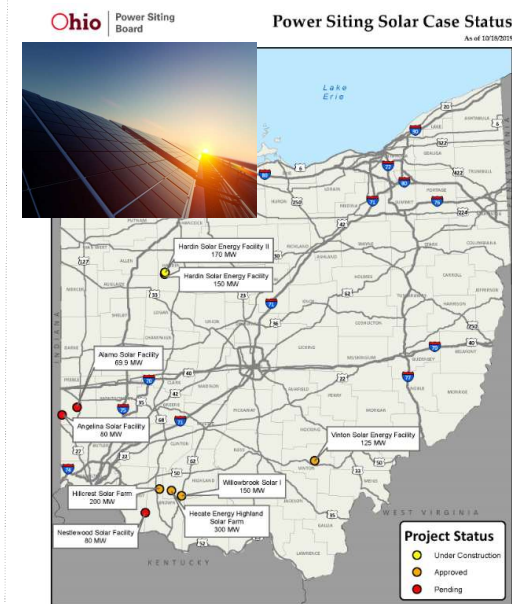
- "Ohio Shale Investment Hits \$74 Billion" (*Ohio Oil & Gas*)
- "\$1.6B Financing Obtained for Guernsey Power Station" (*The Daily Jeff*)
- "Groundbreaking held for new Monroe County power plant" (*Parkersburg News & Sentinel*)
- "Beefed up regulations agreed upon for proposed Ohio cracker plant" (*Shale Gas Reporter*)
- "More than \$32 Billion Being Invested in Appalachian Basin Pipelines" (*Ohio Gas & Oil*)



Shale & Your Water Supply Classes:

- 76% of the participants that came to the workshop had a private water supply
- 91% of participants were more inclined to test their private water source
- 92% of participants improved their knowledge on shale gas development

Transition from Shale Energy Work Group to OSU Extension Energy Outreach Program in 2018



Statewide Impact:
Since 2010, there have been 296 programs provided to 21,144 attendees.

