Impacts of Marcellus and Utica Shales

Columbia Gas of Ohio
Gas Supply & Planning

October 2015
History of US Shale Production

US Shale Production

Bcf per Day


Series 1  Series 2  Series 3  Series 4  Series 5  Series 6  Series 7  Series 8  Series 9  Series 10

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Shale Production vs. NYMEX

[Graph showing the comparison of shale production with NYMEX prices from January 2000 to June 2015, with various shale formations represented by different colors and Nyack. The x-axis represents months and years, while the y-axis represents prices.]
Marcellus & Utica Shale – Percent of US Shale Production


0% 5% 10% 15% 20% 25% 30% 35% 40% 45% 50%
Current Pipeline Projects with Potential Impact on Ohio

- **ET Rover**
  - Capacity up to 3.25 Bcf/day
  - Planned dual 42” pipelines from eastern Ohio to Defiance, Ohio
  - Planned 42” pipeline from Defiance, Ohio to Livingston, MI
  - 570 miles across 18 Ohio counties

- **NEXUS**
  - Design Capacity: 1.5 Bcf/day
  - Planned 42” pipeline
  - Approximately 250 miles

- **Leach Expansion**
  - Design Capacity: 1.5 Bcf/day
  - Planned 30” & 36” pipeline
  - Approximately 130 miles
ET Rover Proposed Route in Ohio

Legend
- Proposed Compressors
- Rover Project
- Ohio
- Project Counties
NEXUS Pipeline Proposed Route
Leach Express – Columbia Pipeline Group
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Thank You