

MARCS Steering Committee

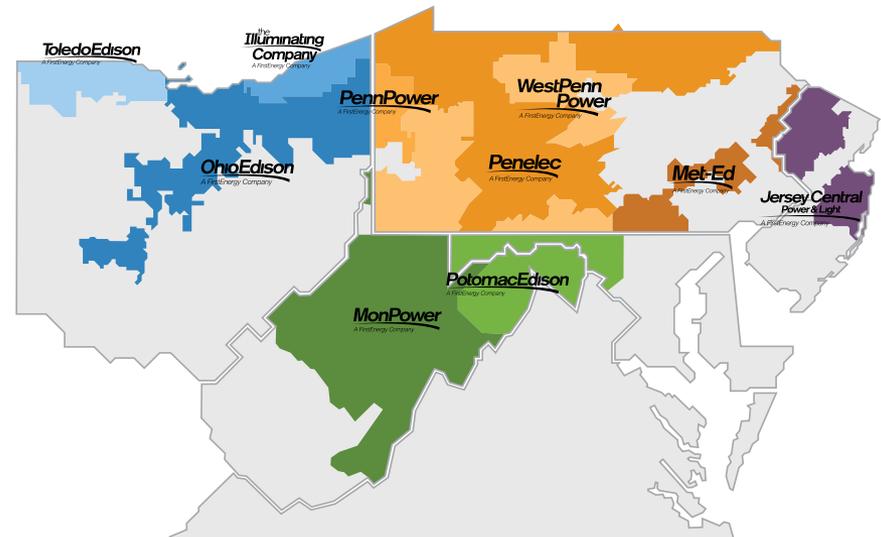
FE Participation on MARCS

Steering Committee Meeting
January 14, 2016



About FirstEnergy

- Headquartered in Akron, Ohio
- One of the largest investor-owned electric systems in the U.S. based on 6 million customers served
- 10 electric utility operating companies in seven states
- 65,000-square-mile service territory
- 24,000 miles of transmission lines and approximately 268,000 miles of distribution lines



Learn more by visiting www.firstenergycorp.com

Ohio Operating Companies

■ ToledoEdison

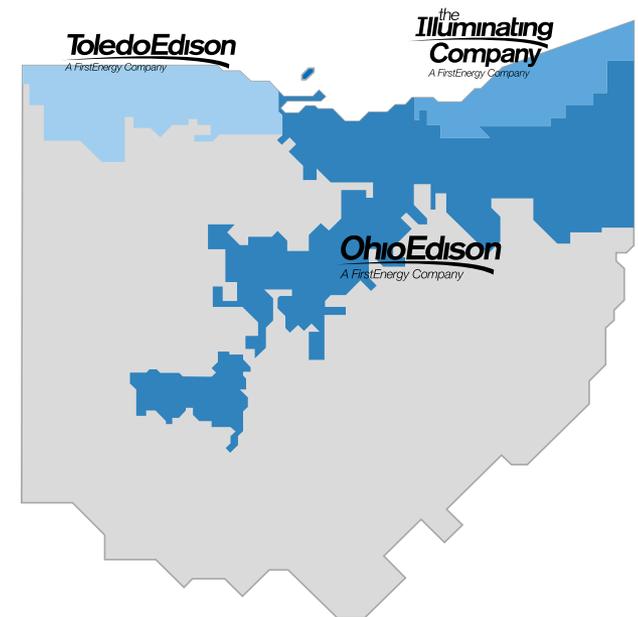
- 2,300 square miles of service territory
- Approximately 308,000 customers
- About 300 employees

■ The Illuminating Company

- 1,600 square miles of service territory
- Approximately 745,000 customers
- Nearly 860 employees

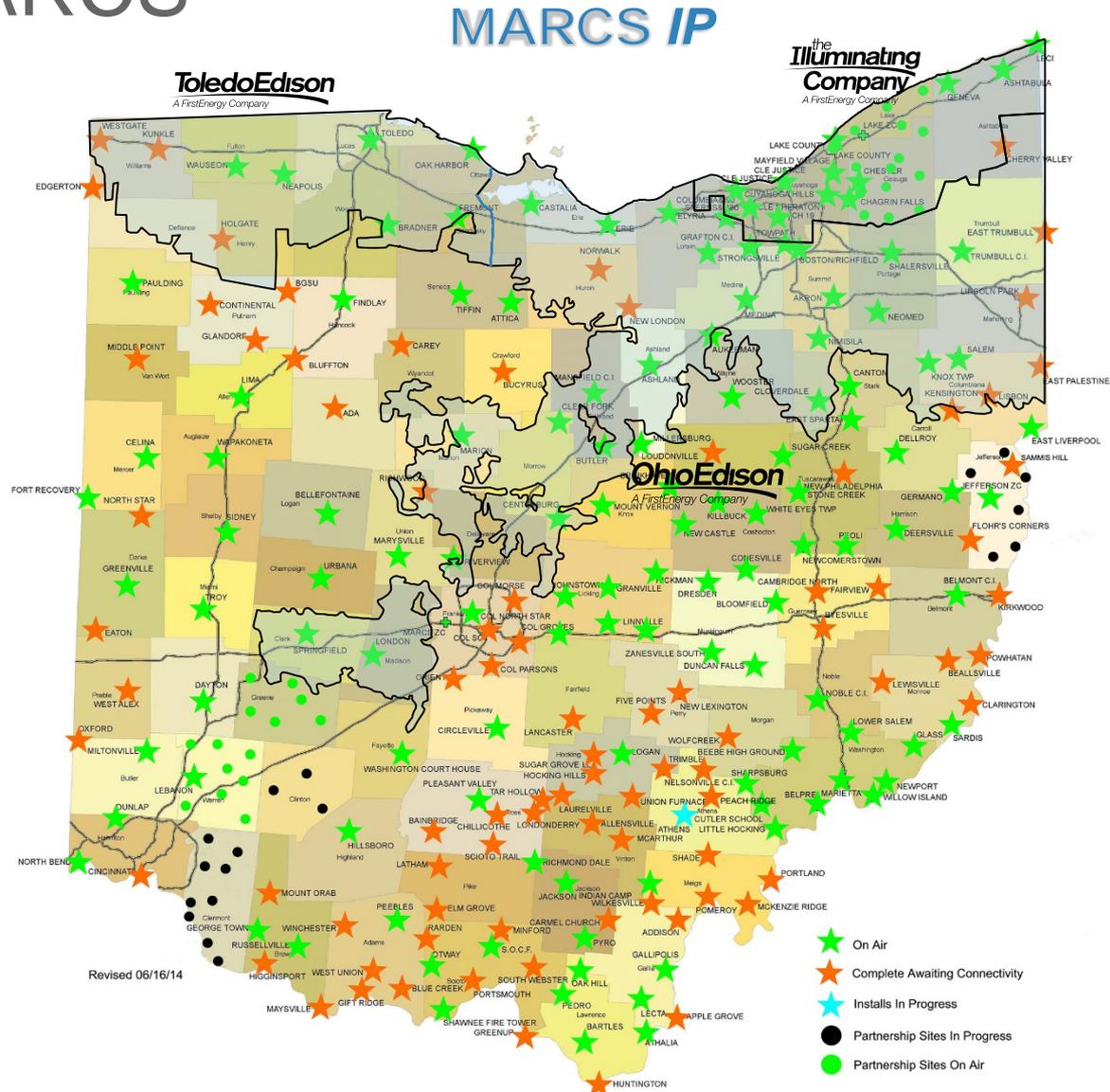
■ OhioEdison

- 7,000 square miles of service territory
- Approximately 1.03 million customers
- Nearly 1,100 employees



FE Impact on MARCS

- Approximately 1,700 radios across all 3 operating companies
- FE agrees to pay use fee and capitalization cost recover fee
- Projected annual revenues to MARCS of approximately \$400,000
- MARCS access to FE's 800 MHz FCC licenses



MARCS Use Agreement

- **Agreement signed December 16, 2015 with initial term of 5 years and 4 renewable 5 year terms**
- **Use is limited to communication for electric utility purposes and must follow radio protocol**
- **Grade of Service (GOS) study will be performed and any additional needed channels or frequencies will be the responsibility of FE**
- **FE will contribute access to FE's 800 MHz FCC licenses**
- **FE will submit to temporary reprioritization if FE transmissions are causing undue burden on the MARCS system**

FCC Waiver Request (Filed 12/18/2015)

- **Asking for immediate waiver for FE and MARCS to operate on the other's 800 MHz frequencies with additional consideration for FE to operate on MARCS's 700 MHz frequencies**
- **800 MHz waiver request consistent with FCC precedent and likely will be granted soon (hopefully within a few months)**
- **FE's waiver request to operate on MARCS's 700 MHz public safety frequencies is a case of first impression at the FCC and may require extended consideration**
- **FE is asking for a “conditional, secondary basis”, which is consistent with the language in the 700 MHz ruling**
- **FE would utilize these frequencies to facilitate communications between field personnel that are essential to their safety and security and additionally directly support the continued safe and efficient provision of critical electric services**

Questions?

