Data Centers/AI Driving Power Demand

Turn Watts into Bits, Much Higher Value

- Demand growth from Data Centers/AI is just beginning
- Average U.S. home has 21 connected devices
- AI search uses 10x power as Google search
- Turns Watts into Bits, much higher value so power costs less relevant
- Industrial Power cost $100/MWh reasonable
- Shortage of power not chips to run Data Centers
- 4 Majors - Amazon, Apple, Google & Microsoft – 1,000 MW site/cluster
- Low carbon desired, but gas is acceptable
- Speed to get facility served with power biggest concern

FMPA MUNICIPAL POWER

Main Criteria for Data Centers

Speed for Power, Land, Labor & Community Support

- Main criteria is speed to quickly provide:
  - Power – 1,000 MW generation & transmission
  - Land - hundreds to thousands of acres
  - Expeditious zoning and permitting – significant community support
  - Access to skilled labor for construction and technical support thereafter
- Hurricane risk makes Florida unfavorable
- Main areas of growth:
  - Northern Virginia; Eastern Oregon; Columbus, OH, Georgia, Indiana and Mississippi
- Cluster multiple facilities in 50-mile radius for support