



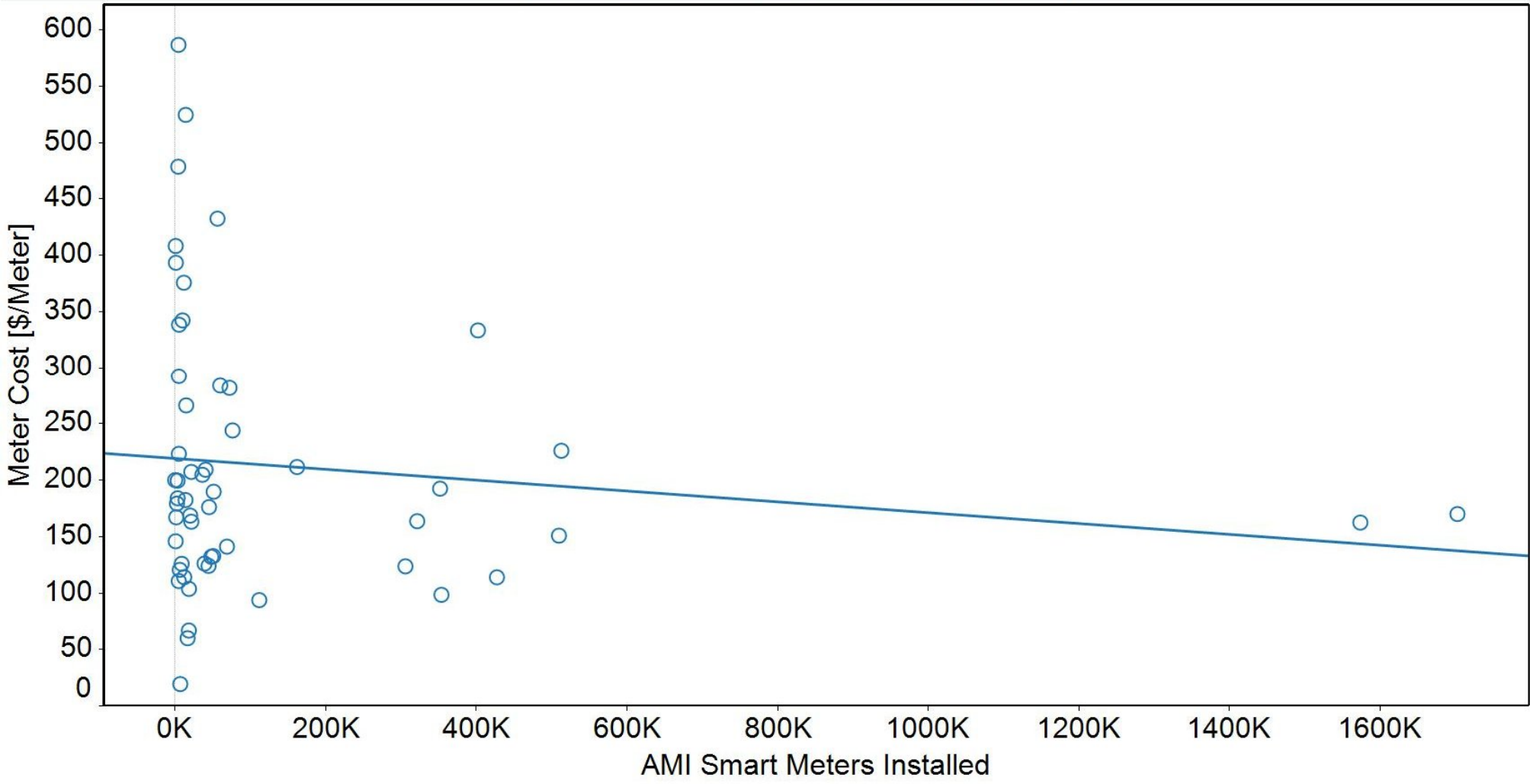
# ARRA SmartGrid Investment Grant Projects Data

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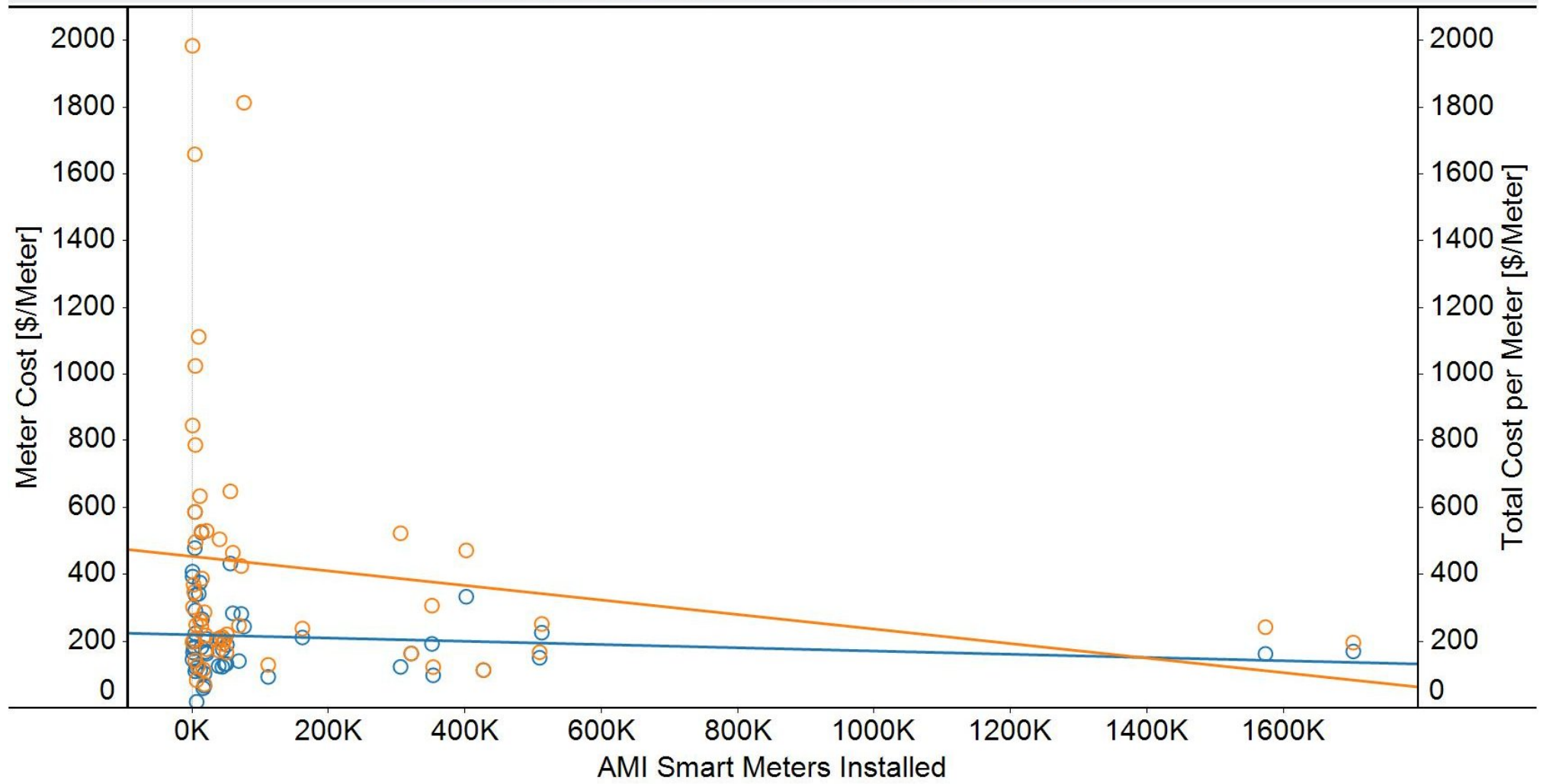
- Department of Energy Provided \$4.5B
- Awards to 131 SmartGrid Projects
  - 99 Investment grants to individual utilities
  - 16 Regional demonstration projects
  - 16 Storage demonstration projects
- 13 Consumer Behavior Studies

- **Collecting Three Types of Data**
  - **Build Metrics: Installed equipment and costs**
    - Quarterly Data, Starting Q4 2010
    - Publically available via SmartGrid.gov
  - **Impact Metrics: Calculated benefits**
    - Semi-Annual Data, Starting Summer 2011
    - Individual reports business sensitive
    - Aggregated data available via SmartGrid.gov
  - **Detailed meter and consumer behavior data**
    - Data is business sensitive
    - Aggregated Data Available via SmartGrid.gov

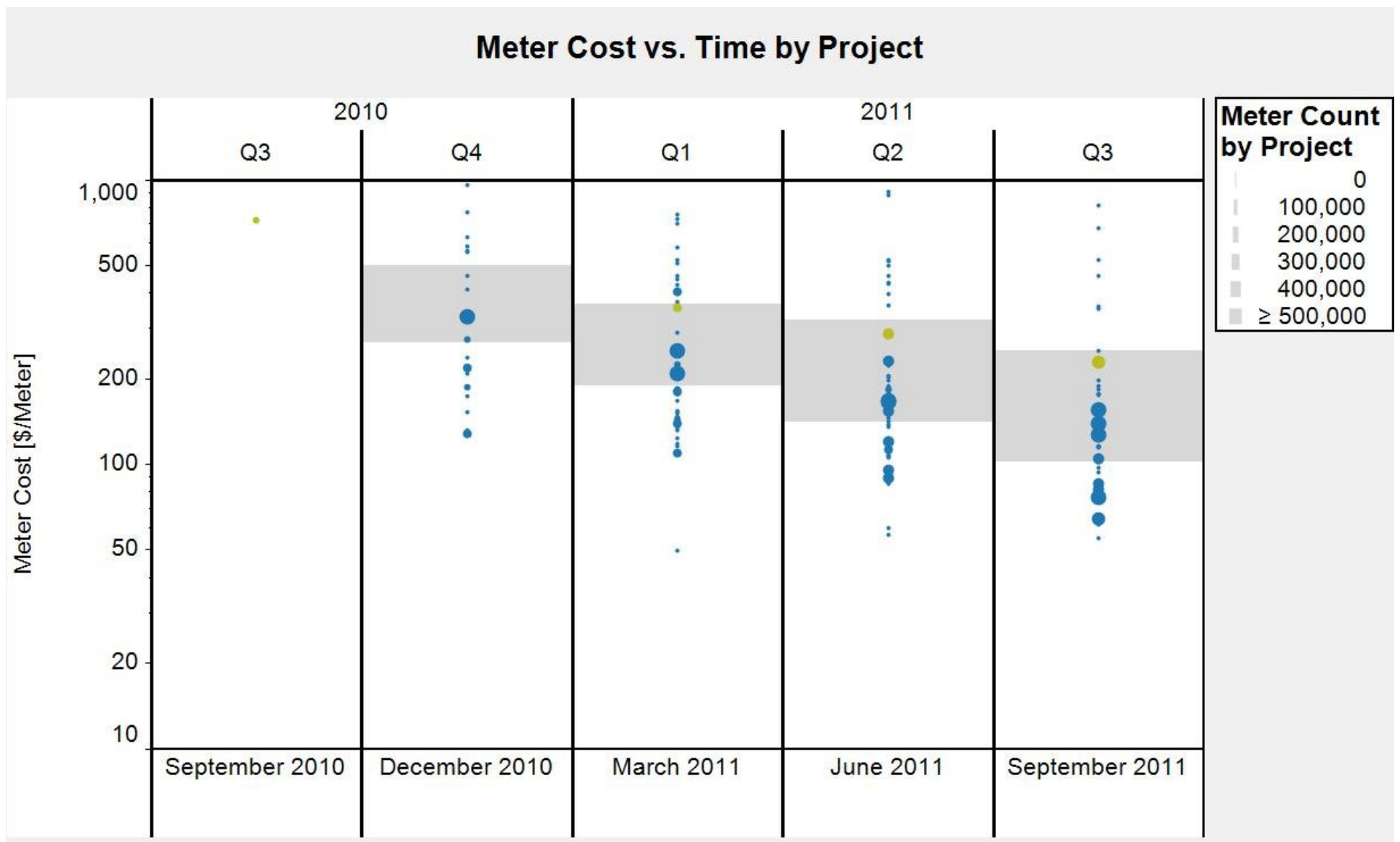
Meter Cost vs. Number of Meters Installed per Project



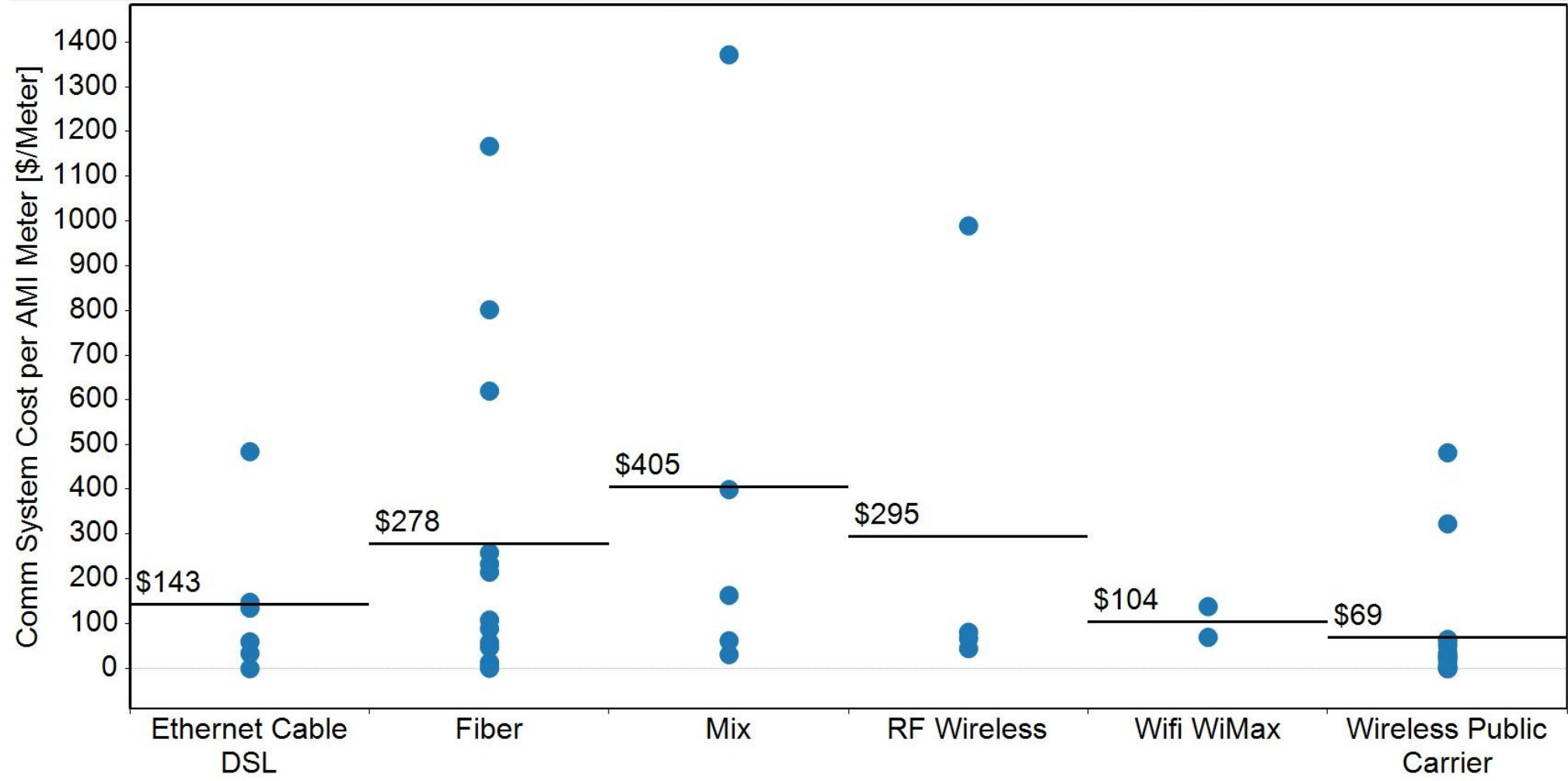
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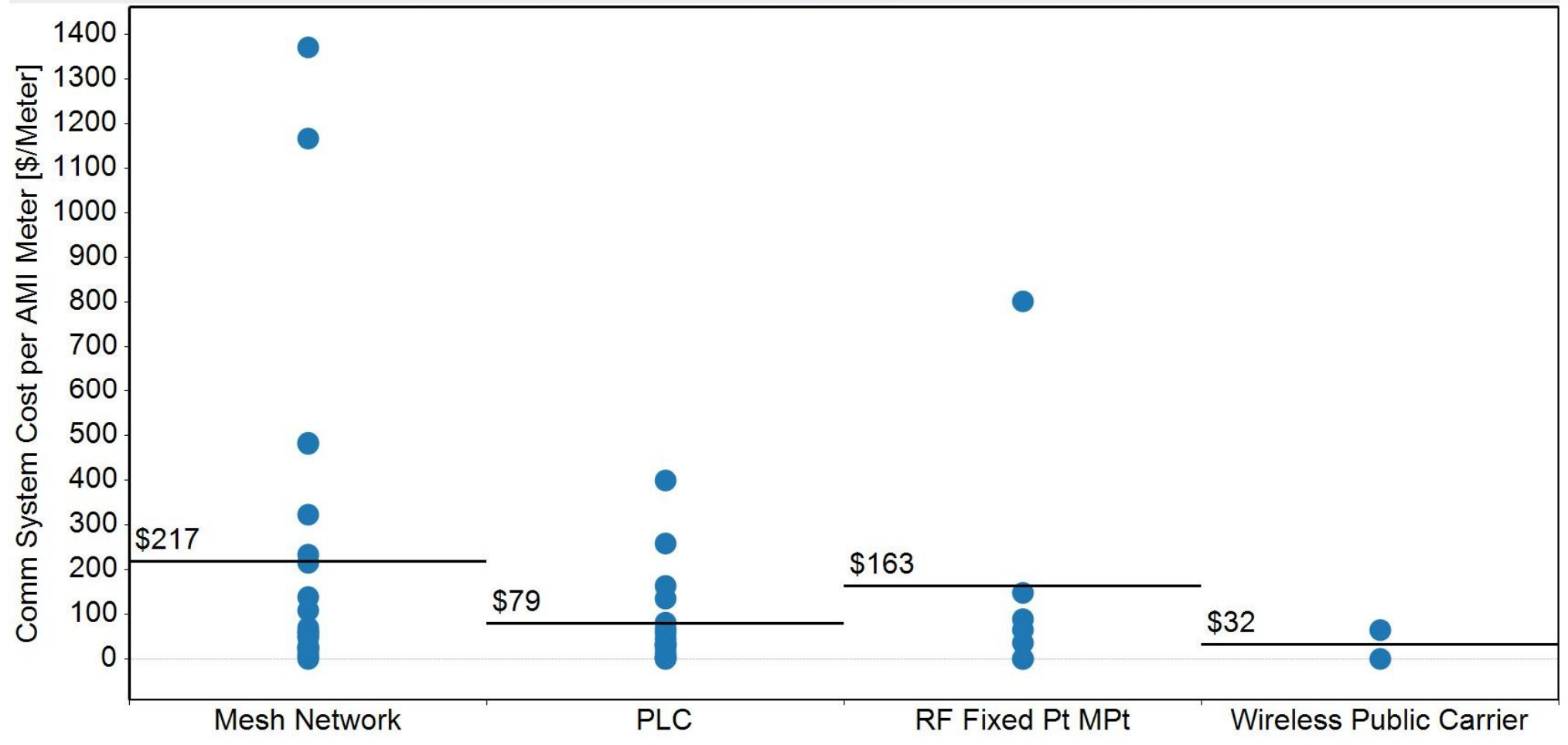
(Blue markers indicate AMI meter costs. Gold markers indicate sum of costs associated with AMI Meter.)



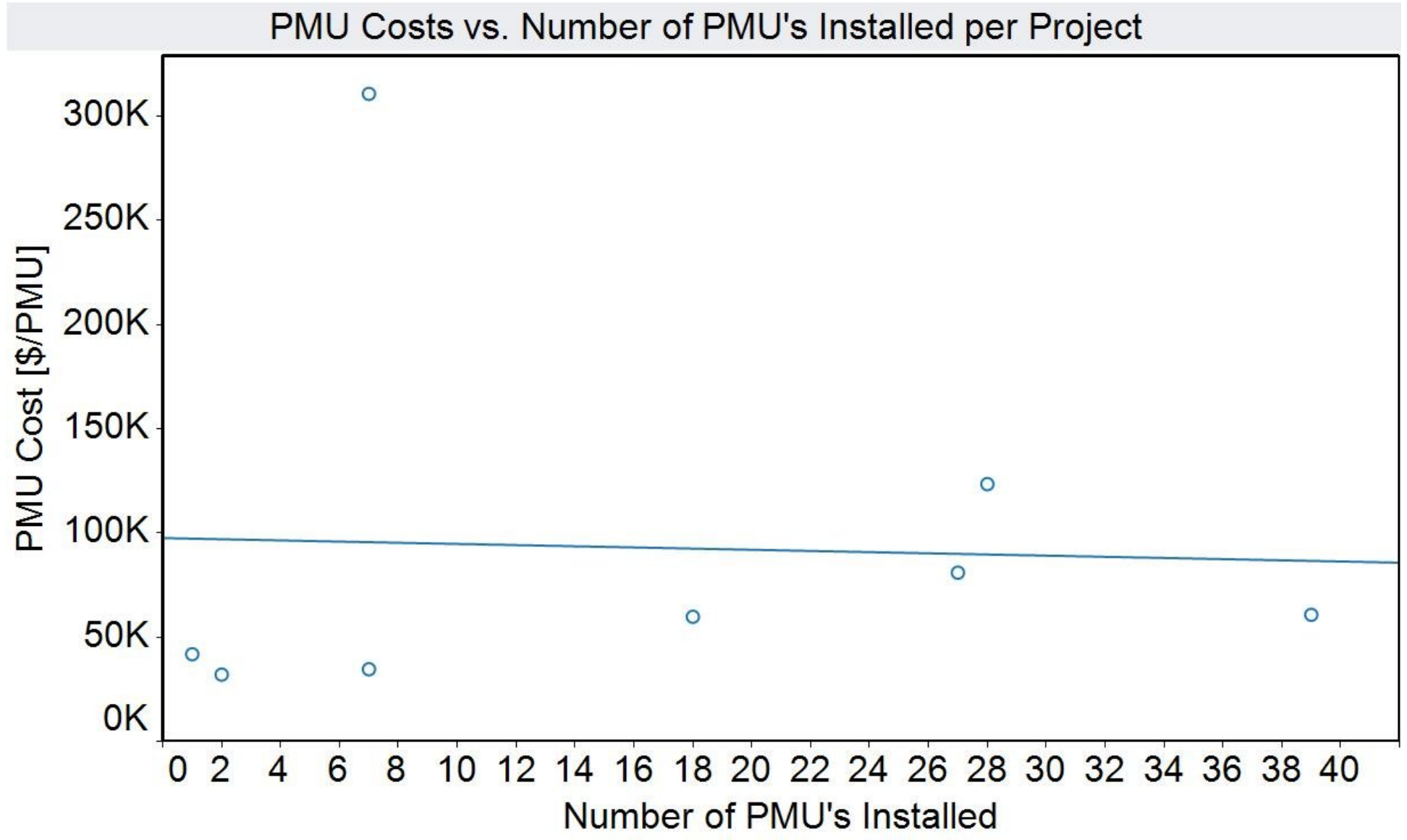
Communication System Costs by Project and Backhaul Network Type



Communication System Costs by Project and System Type







- **Benefit Data**
  - Coming soon
- **Consumer Behavior Data**
  - Will use ESPI to collect data
  - Analysis techniques and results will be published
- **Public Data and Analysis Results Will Be Available on SmartGrid.gov**