

the voice and choice of public gas



Large EFV's

Perspective of the American Public Gas Association



Natural Gas™
Comfortable. Responsible.





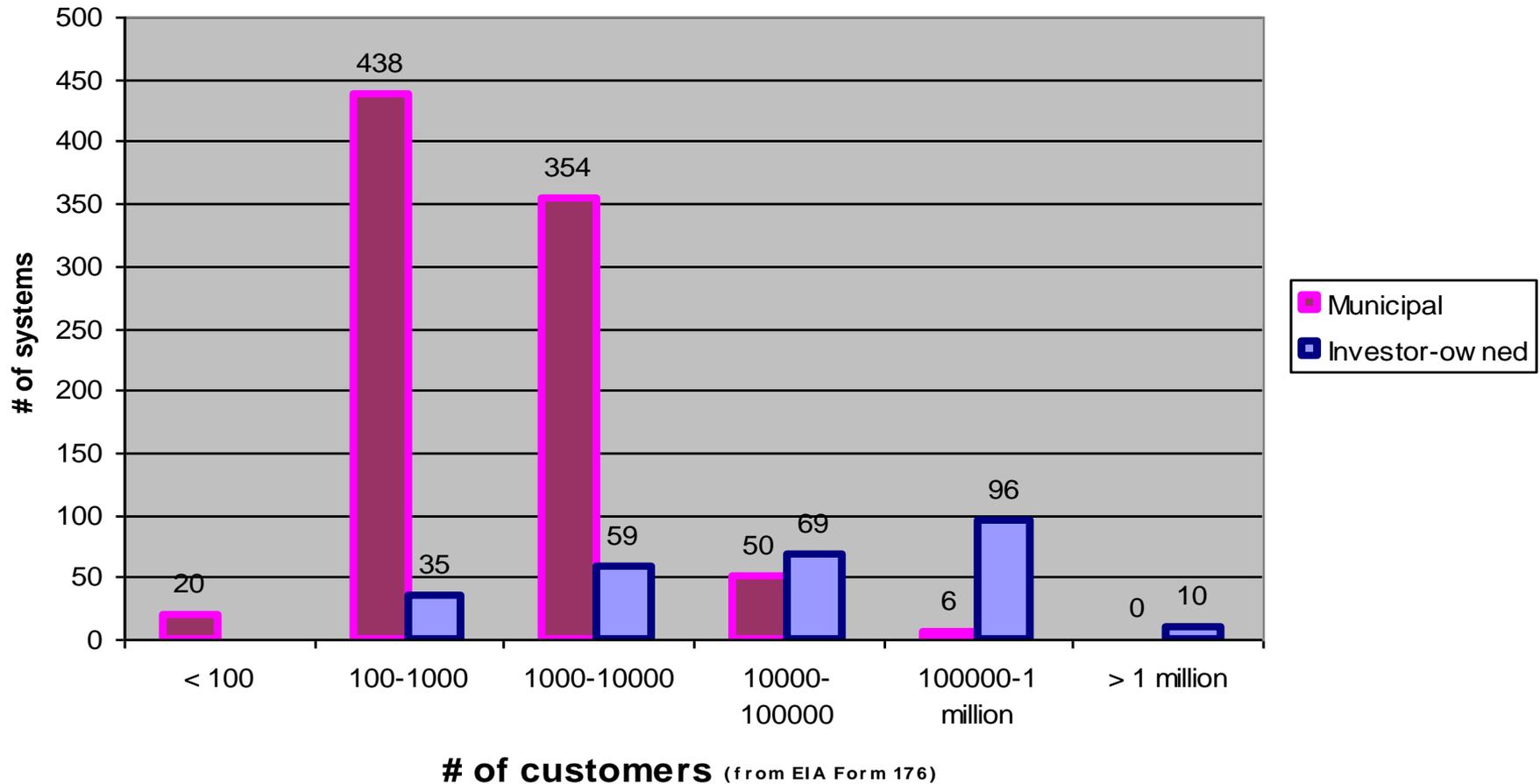
APGA

- **The** national trade association for publically-owned natural gas utilities
- ~1000 community-owned gas systems
 - ▶ 37 states
 - ▶ >5M Customers
 - ▶ ~21,000 Employees
 - ▶ ~120,000 Miles of Main
- Systems size (Meters): 12 to ~500,000
- Largest cities: Philadelphia, San Antonio, Indianapolis, Memphis, Long Beach



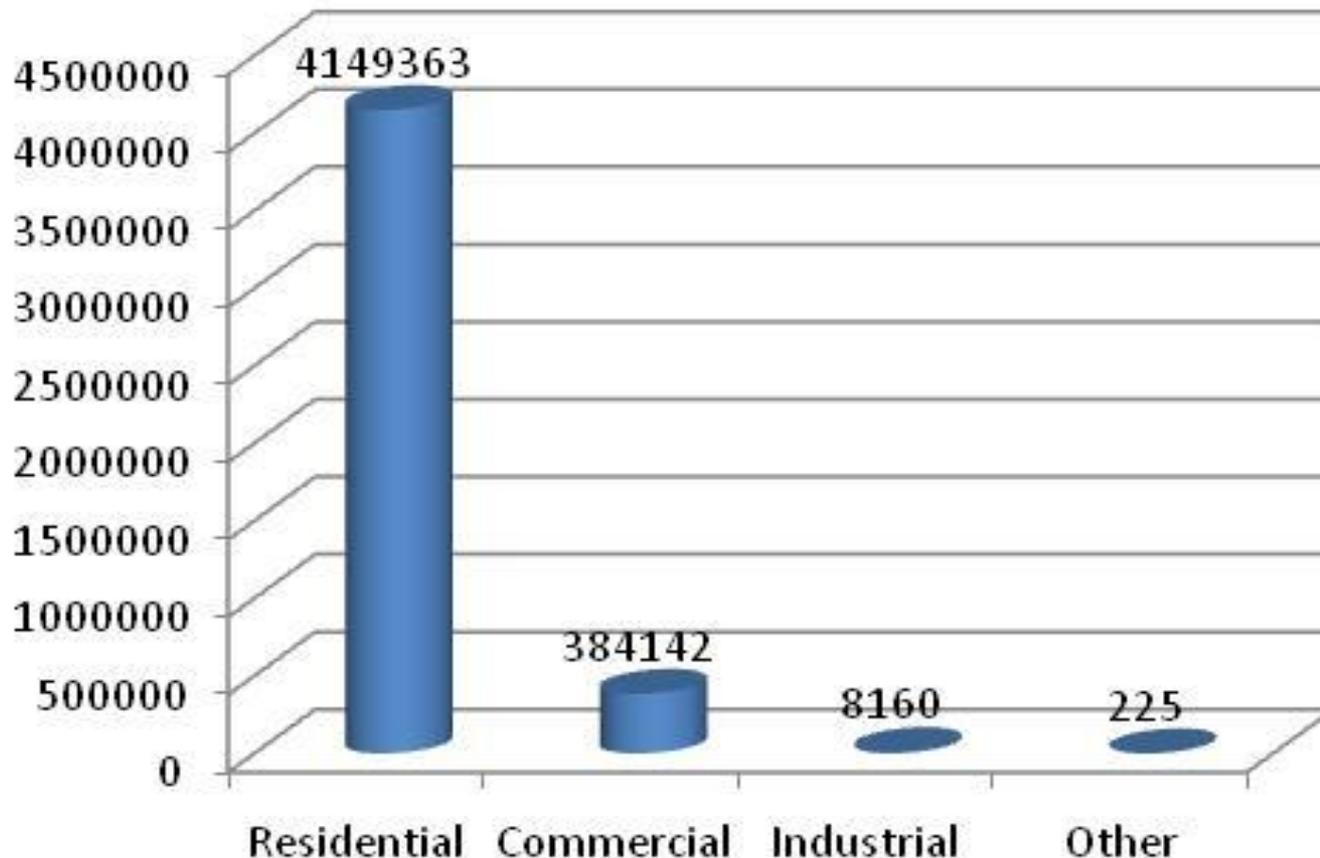
Most LDC's Are Small

Distribution systems subject to 49 CFR 192





Public Gas Systems - # of services by type



Source: EIA
Form 176 –
2006 data



Experience with Large EFVs

- None



Experience with single residential EFVs

- Most members used customer notification prior to June, 2008
- Despite lack of rule, APGA urged members to install EFVs by June 1, 2008
- EFV (and service line) sizing an issue with new utilization equipment (generators and tankless water heaters)



Experience with residential EFVs

- A few problems:
 - Oak Ridge – Residence destroyed due to closure of EFV (water damage)
 - Mesa, AZ – Cut and run problem
 - Winfield, KS – Cut and run problem



Concerns with EFVs on Commercial/Industrial

- Performance standards
- EFV sizing to accommodate load increases – will it negate any benefits?
- Liability for business losses
- Impact on city budgets