Implementation:
Green Building Incentive Policy Update
LRPC
May 28, 2019
Arlington’s Emissions Profile

ARLINGTON GHG EMISSIONS BY SECTOR - 2016

- Residential Buildings: 23%
- Commercial Buildings: 35%
- Transportation: Within County: 24%
- Transportation: Pass-through: 12%
- Solid Waste: 2%
- County gov’t (incl. APS): 4%
Implementation – Green Building Incentive Policy

• GB Policy is primary CEP implementation tool
  o LEED *Plus* (energy efficiency, energy reporting, and Energy Star certification)
  o Incentives needed due to low energy rates in Virginia
  o Effective – most new developments participate

• Benefits to Arlington
  o Reduce GHG emissions from buildings – CEP goal
  o Energy efficient buildings reduce stress on electric grid and extend life of infrastructure
  o Leadership status and economic development
Green Building Incentive Policy – proposed amendment

Add Zero Carbon certification to existing Green Building Incentive Policy

• Current policy allows for bonus density in exchange for Net Zero Energy certification
• Zero Carbon meets the same goals, but is more flexible for dense, urban developments
  o Requires very energy efficient building
  o Requires 100% renewable energy
  o Allows all renewable energy to be generated off-site
Questions?