

ARLINGTON

The “Green” and “Smart” Community

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Commission Objectives

- Improved Video and IPTV services
- Enhanced WiFi Opportunities
- Improved, State of the Art Emergency Services
- Broadband Internet & Data Services for citizens and business community
- Enhanced telework opportunities
- Use of IT to save energy and reduce greenhouse emissions as well as promote County efficiencies
- Enhance competition. Work to promote Arlington as a “smart and green community” Plus User-Friendly website
- 13 member commission works with DTS and other County Departments and School System.



Arlington: Why we need to be a “Green and Smart” Community

20 % of Ice caps have melted in the last 30 years and most large species are now at risk. ICT can lower energy consumption, reduce greenhouse emissions and increase productivity. Arlington seeks to be a leader.

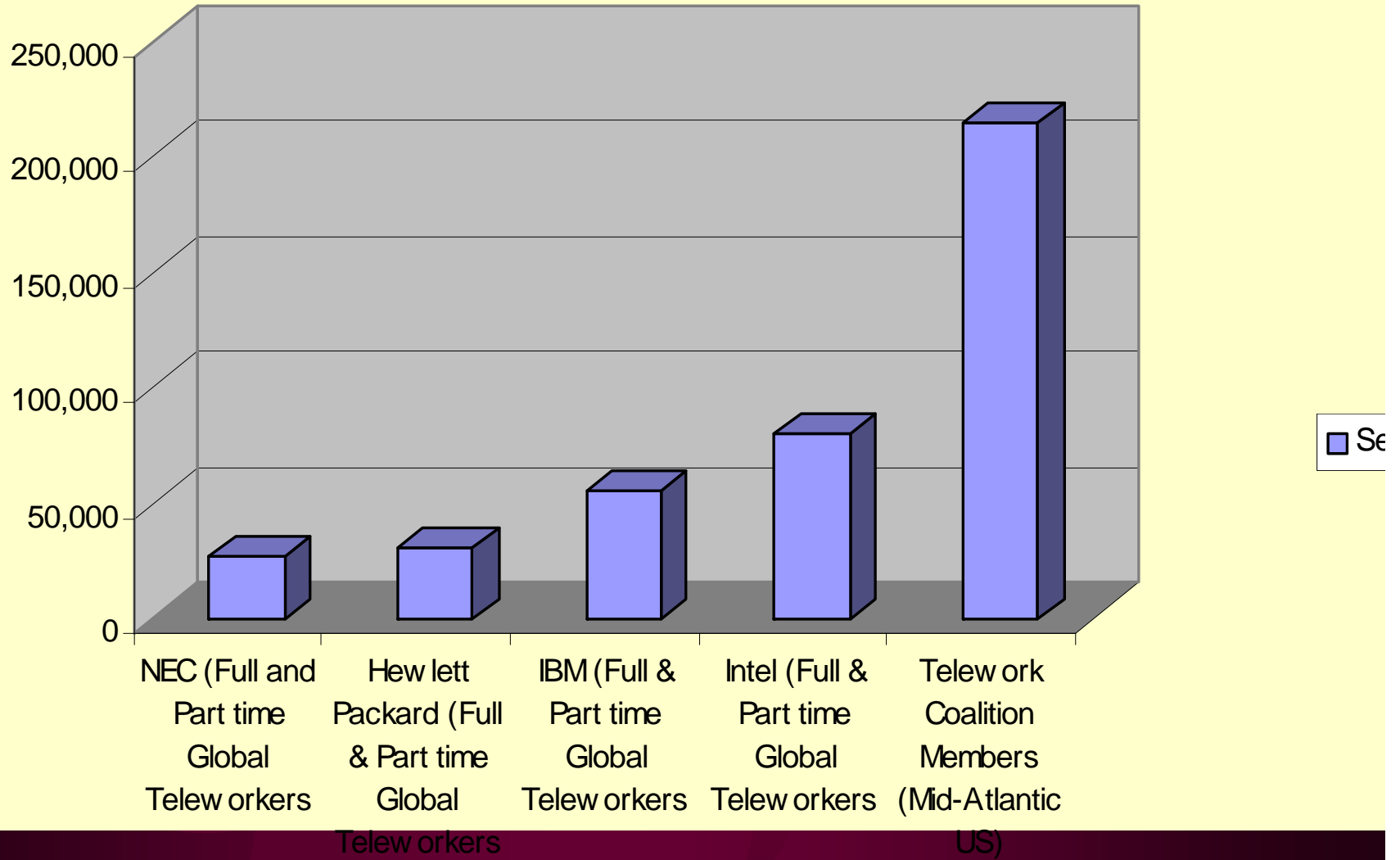
Key Initiatives:

- More telework for County & Business
- Improved broadband and wireless
- Integrate information services-County, Schools, Constitutional Offices
- State-of-the-Art Emergency Services
- Enhance Arlington image as “Smart and Green” Community plus be an ICT R&D Center

Telegeography

- Reduce transport costs-Move ideas not people
- Reduce oil, coal & gas cost by lowering demand
- Significant reduction in greenhouse emissions-more efficient “smart” housing and buildings
- Telework
- Improved emergency services
- Energy efficiencies
- See new article by Pelton & Robinson on “telegeography” in new book by the World Future Society

Remarkable Business Efficiencies via Telework



Current Initiatives

- Set new Arlington County goals for telework. Fairfax County has 23% of workforce that telecommutes at least 1 day a week.
- New competition for broadband. Verizon now competing with Comcast. Prospect of Cavalier in future.
- Attempts to offer new WiFi services.
- Seeking full coverage at Shirlington
- Upgraded Emergency Communications services with backup capabilities,
- Enhanced use of broadband and wireless services by Arlington County staff and Schools.
- Assist with smooth transition to digital TV—New Black boxes
- Research initiatives in ICT-Ballston Science & Tech Alliance