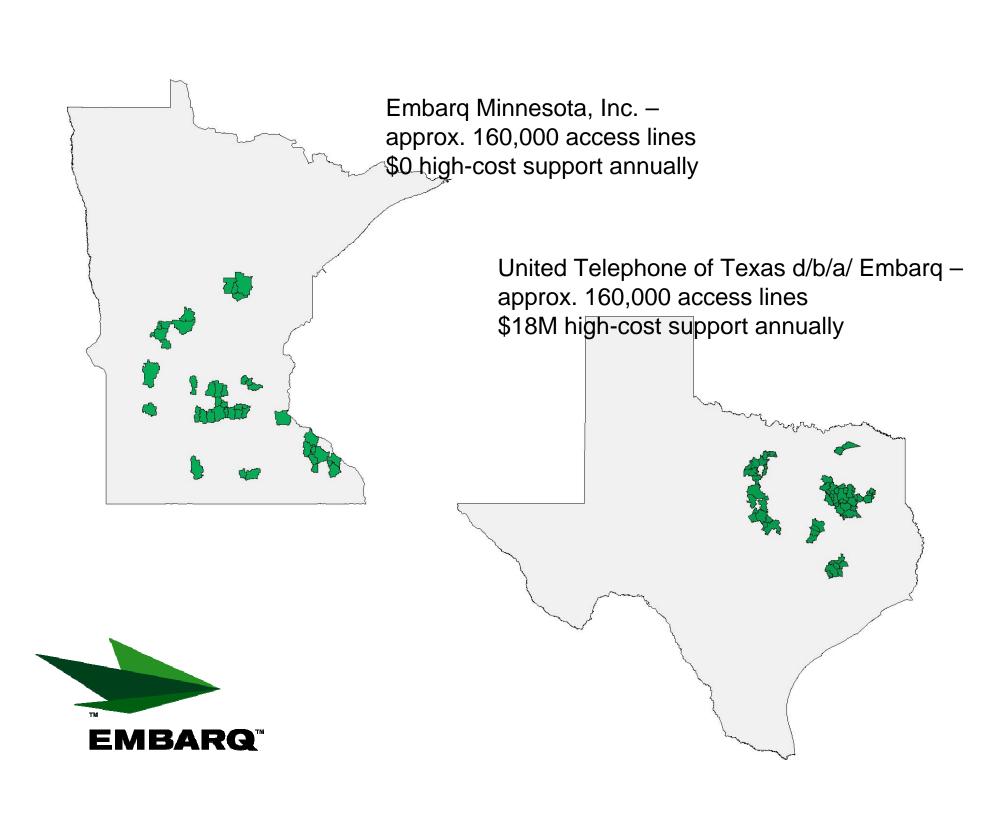
Targeting and USF Reform

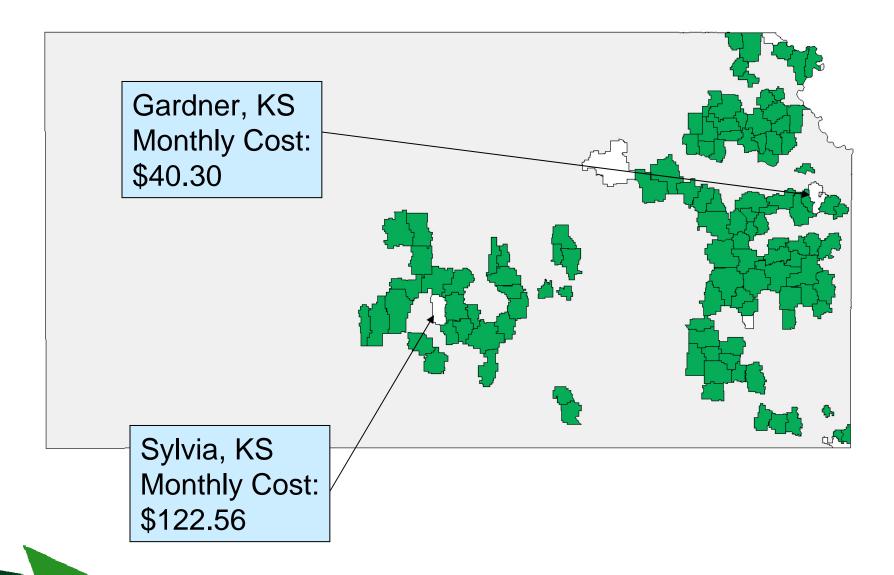
Dr. Brian K. Staihr
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February 20, 2007
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Exchange	Households	Density (HH per sq. mile)	Monthly Cost
Sylvia, KS	207	2.2	\$122.56
Kenansville, FL	514	1.1	\$143.72
Koon Kreek, TX	415	5.2	\$123.42
Reinersville, OH	226	5.2	\$152.77









Facts...

- Implicit subsidies are unsustainable in a competitive environment
- 2. Using entire study area to determine "need" maintains assumption that implicit subsidies can be relied upon, so...
- 3. With or without reverse auctions, we must revisit the <u>area</u> used to determine "need" if USF is to be truly sufficient, specific, predictable.



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Separable Issues

What is the proper geographic area to use to determine the "need" for support?

Reverse Auctions: Yes or No?

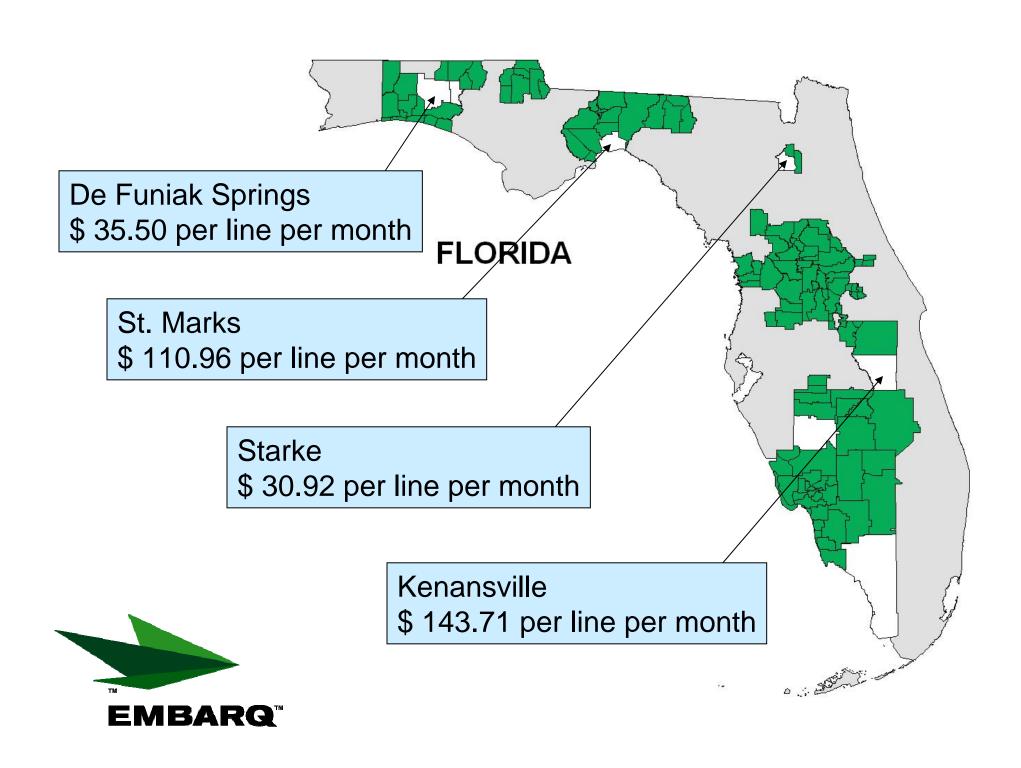
One ETC Per Area?
More Than One?

Broadband included in set of supported services?

Revenue benchmark?
Cost benchmark?

Wireless carriers: Support based on own costs? ILEC costs?



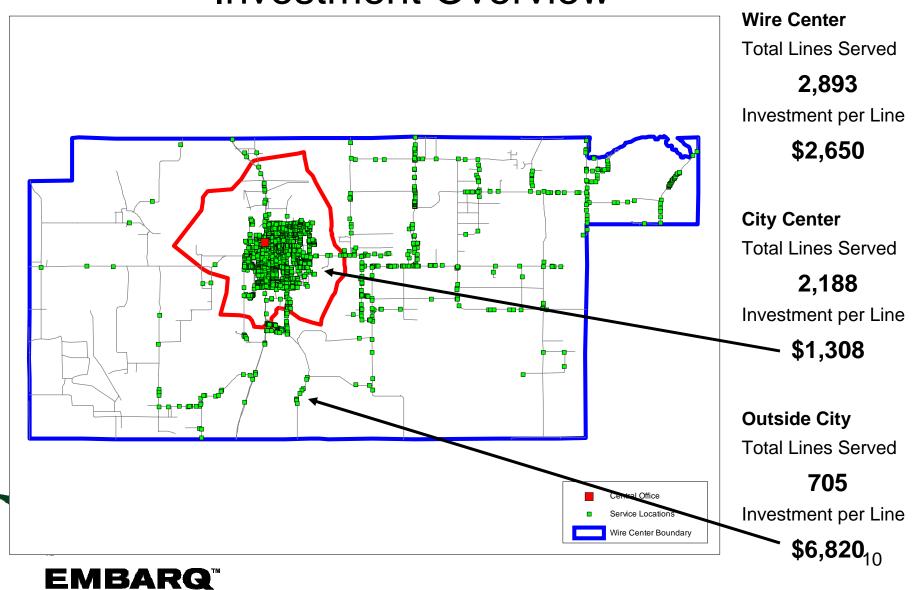


Fort Meade, Florida City Center





Fort Meade, Florida Investment Overview

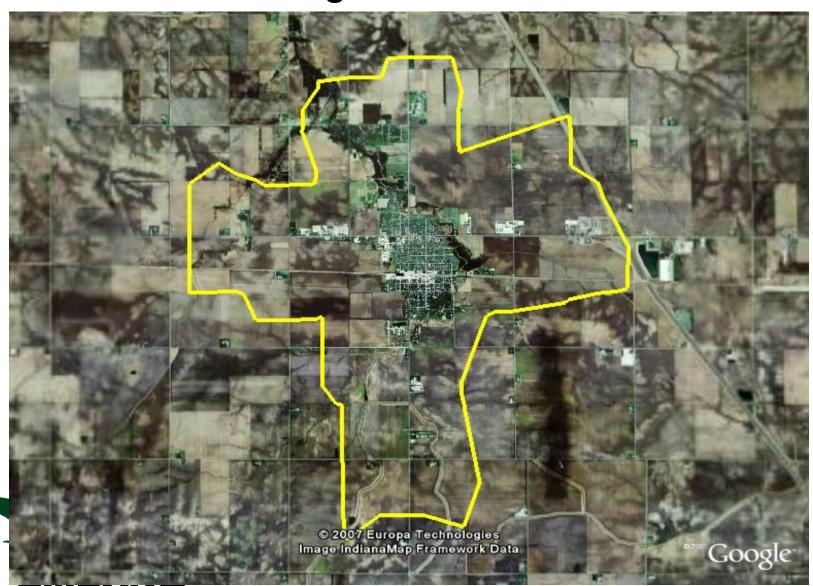


Targeting: Why the need for support must be calculated more granularly...

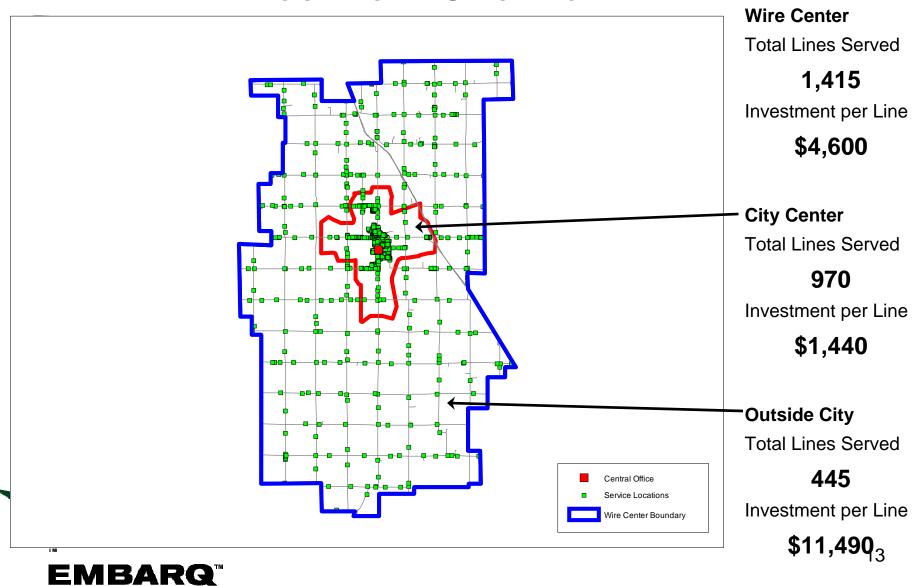
- 1. Implicit subsidization exists
 - between wire centers
 - within a single wire center
- 2. Neither form is sustainable
- 3. Must re-determine which areas are uneconomic to serve; create zones within individual wire centers
 - Call it a donut-and-hole approach
 - Call it zone-based approach
- 4. Support—however it is then calculated, whatever it is based on, and whatever services it includes—is then provided to these uneconomic areas
- 5.and it's not that hard to do



Not just dis-aggregation... Remington, Indiana



Remington, Indiana Investment Overview



Summary and Conclusions

- Current USF system incorporates implicit subsidies.
- Assumes implicit subsidies can be used to offset costs of serving uneconomic areas.
- They can't.
 - Competition prevents low-cost wire centers from subsidizing high-cost wire centers.
 - Competition prevents low-cost portions of a wire center from subsidizing high-cost portions of the same wire center.
- Therefore support must be calculated at a more granular level: sub-wire center.



Summary and Conclusions (cont.)

- This is not the same as dis-aggregating existing support to a subwire center level.
- A sub-wire center approach can be implemented today.
 - Models currently exist that are more than capable.
 - Advances in modeling make almost any form of increased granularity possible.
- Sub-wire center approach is separable from almost every other policy issue.

Whatever services, whichever companies end up being supported, this is proper method for determining <u>where</u> support belongs and <u>where</u> companies must provide service in order to earn that support.

