

# ***Argument for Rapid Deployment of Fiber Optic to Rural Chelan County***

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## *High-speed Data only Conspicuous by its Absence*

- Connection rates (\$/month/Mbps)
  - Shoreline, WA \$80
  - Rochester, NY \$120
  - Chelan, (Woodin Ave.) \$75
  - Køge, DK, \$100
  - Luveya Island, NO, \$160
  - Manson, WA, \$3800
- Its not the *FUTURE*, it's the *PRESENT!*

## *Local Situation Growing Worse*

- Frame relay (only option in many places) rates have increased
- Needs have increased
  - Typical data file size 1M --> 50M+
  - Software downloads often 50M
  - $50\text{MB}/56\text{kbps} = \sim 2\text{hours}$
- User expectations have grown
- Reliability an issue

## *Analogous to Rural Electrification*

- Chelan PUD created in response to private WWP
  - Provide service to every home
  - First electricity to Antoine Creek
- No need for PUD if project does not serve everyone
  - Commercial concerns will serve population centers in any case
  - Real need is in outlying areas
  - Lack of service keeps people from moving here

## ***Need for Oversight of ISPs***

- Steering Committees for Government and Health Care
- Need Committee for Business and Consumers
- 15 ISPs listed on PUD web site, but....
  - Effective number might be more like 7
  - Reliability and responsiveness of some of these an issue
- Need to assure quality of service

## *Our Story*

- Founded Eigenvector in 1995, to do chemical data analysis, software and training (chemometrics)
- Installed 56K Frame Relay and servers in 1996
- Sell software in 40 countries
- Provide training and consulting for large and small companies
- Employees in Manson, Seattle and Rochester
- Collaborators in NO, DK, NL, UK, ES

## *Our Need*

- Need high-speed data connections for
  - Research
  - Data transfers to/from clients
  - Virtual meetings (especially with national labs)
  - Software delivery
  - On-line training
  - Version control servers
- Getting very difficult without this

## *The Opportunity*

- Lack of data services keeps businesses like ours away from our area
- Access to services will allow high-tech professionals to live, work and create jobs here
- Result is enhanced economic diversity
- Improved quality of life for all



## ***Contact Information***

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