



# MAPPING BROADBAND AVAILABILITY

## CPUC'S ARRA GRANT WORKSHOPS

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California Public Utilities Commission

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## WHO WE ARE

- **New group at CPUC established to implement the Digital Infrastructure and Video Competition Act of 2006 (DIVCA)**
- **DIVCA Group includes 3 GIS personnel**
  - Tito Vandermeijden
  - Dion Good
  - Lily Chow





# BROADBAND TASK FORCE MAPS

- **Collected availability data from most telephone, cable, and mobile wireless companies in 2007 era on voluntary basis**
- **Data provided to California Emerging Technology Fund (CETF), who used contractor to aggregate information**
- **Data then went to state agency for mapping**
- **Confidentiality pursuant to NDA**
- **Street level, speed tiers**
- **Each service address displayed as one square kilometer**





# BROADBAND TASK FORCE MAPS

- **Task Force maps published January, 2008**
- **Used by CPUC to determine CASF grants to date**





# UPDATING BROADBAND TASK FORCE MAPS

- **Add CASF data from applicants and challengers**
- **Add Internet Service Provider (ISP)/ Wireless ISP (WISP) data**
- **ISP/WISP availability layer from CETF Regional Aggregation Teams who have been working with rural counties on demand aggregation**





# UPDATED BROADBAND TASK FORCE MAPS

- Updated broadband maps for California are now posted on CPUC's web site at:

<http://www.cpuc.ca.gov/PUC/Telco/Information+for+providing+service/Broadband+Availability+Maps.htm>

Or <http://bit.ly/CalifBBMaps>

- State and regional broadband maps
- Will be used to determine unserved and underserved areas in next round of CASF grants





# NTIA STATE BROADBAND DATA PROGRAM

- **Recovery Act sets aside \$350,000,000 for broadband mapping**
- **Funds Broadband Data Improvement Act (BDIA)**
- **Notice of Funding Availability for BDIA anticipates \$1.9M to \$3.8M per state + \$500,000 for planning projects**
- **80% federal / 20% applicant match**
- **Five year program with data updated every six months**
- **Applications due between July 14 – August 14, 2009**





# NTIA STATE BROADBAND DATA PROGRAM

- **Data from all public and commercial providers of broadband service**
- **Street level**
- **Speed tiers**
- **Information regarding location of backhaul facilities**
- **Technology type**
- **Average revenue by county**
- **Confidentiality provisions**





# NTIA STATE BROADBAND DATA PROGRAM

- **Data submitted to the CPUC by providers must be as of June 30, 2009**
- **Mapping grant recipient must submit substantially complete set of data to NTIA by February 1, 2010**
- **State-provided data to be used by NTIA to produce National Inventory Map**





## **NTIA STATE BROADBAND DATA PROGRAM**

- **OCIO/CPUC to apply for grant for California in order to update our maps and prepare for national inventory map filing.**
- **The CPUC will begin collecting the data set forth by the NTIA from California providers in September – October, 2009**
- **NTIA will ask FCC to require submissions from those providers who do not submit data as requested by grantee**





# CONTACT ME

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