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Item 3: Telco/Energy Nexus and NEM updates Disadvantaged Communities Advisory Group January 22, 2021

California Public Utilities Commissioner Martha Guzman
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Governor's Executive Order N-73-20

- ❑ California State Agencies to pursue 100 megabits per second download speed to guide infrastructure investments.

- ❑ Deployment
 - CalSTA and Caltrans to work with CA Transportation Commission to install conduit and/or fiber into all feasible projects along strategic corridors.
 - CPUC in collaboration with CA Dept of Technology and others, to leverage utility infrastructure.
 - Dept of General Services to provide an inventory of state property for possible use for (hosting) infrastructure.
 - CalOES, CDFA, Dept of Housing and Community Development, CA Housing Finance Agency, and others.

Broadband for All proceeding (R.20-09-001)

- Explore role and opportunity to leverage IOU infrastructure for expanding access to broadband in unserved areas
- Asks for bold new public-private models, including those called to action in the Executive Order.
- Focuses on Deployment Models and Strategies, Economic Vitality and Recovery Strategies, and Strategies to Support Specific Communities and Uses.
- Scoping Memo with Staff Proposal (Rebuild Proposal) issued on Dec 30 for comment by Feb 1, 2021
- Roundtable for groundtruthing with affected 2020 wildfire communities



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Big Picture Broadband Policy Opportunities

Federal (FCC)

- Broadband should be regulated like a telecommunication service rather than an information service.

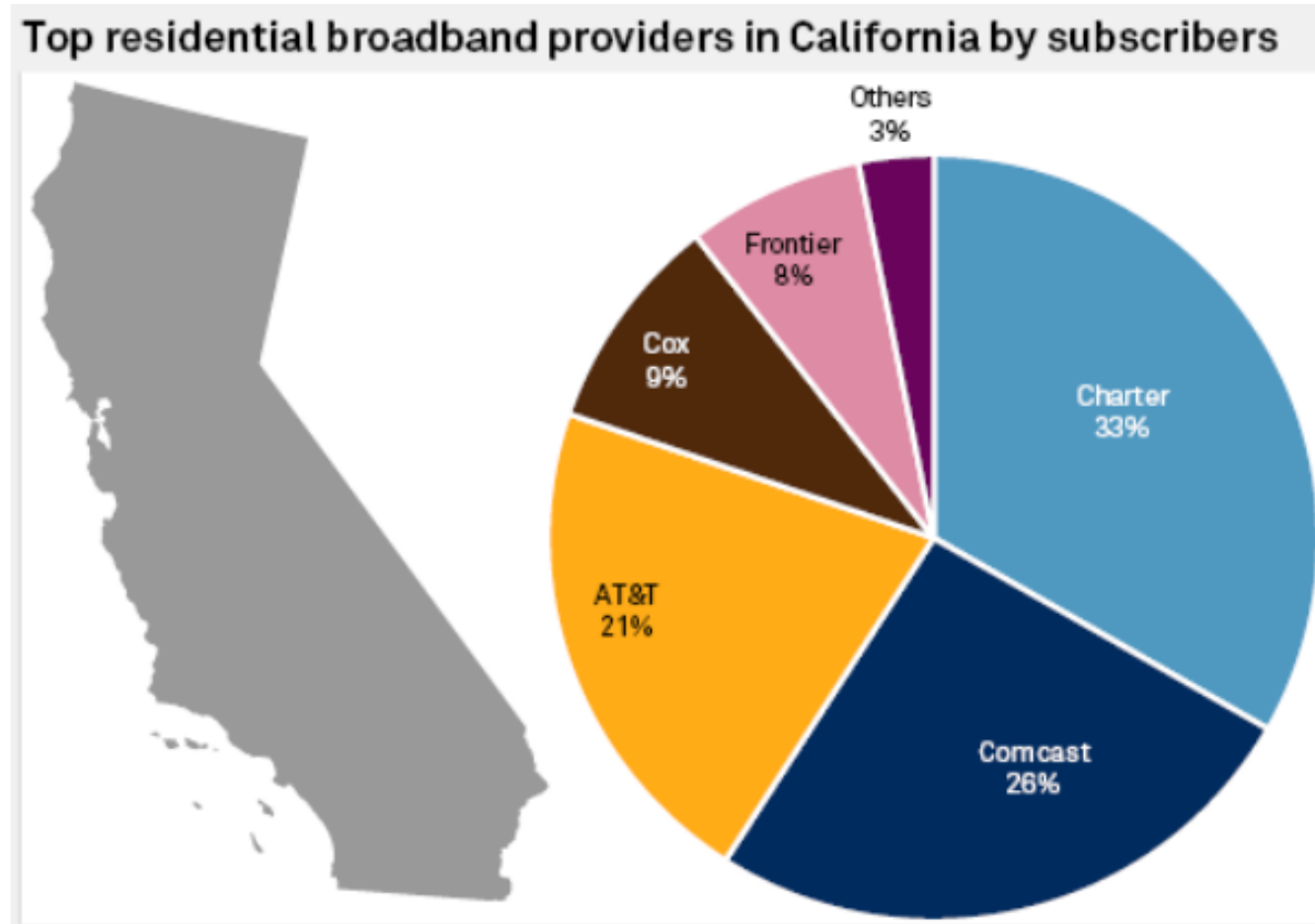
California (Legislature)

- DIVCA Digital Infrastructure and Video Competition Act of 2006 reform at state level



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Dedicated Territory, None of the Service Requirements



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Source: [S&P Global Market Intelligence, *How California's net neutrality could impact cable, wireless grants*](#)

Cable Companies as Carriers of Last Resort

- FCC defines how services should be classified: as an Information Service under Title I of the Communications Act, or as a Telecommunications Service under Title II.
 - Title I services are essentially unregulated
 - Title II services are regulated common carriers
- The FCC should classify ISPs as Title II common carriers.
- The CPUC should classify cable companies as carriers of last resort.

Engaging new partners for broadband equity

- Education (CDE, Superintendents, School districts)
 - Jan 16, 2021 Sac Bee joint Op Ed with State Superintendent Tony Thurmond
“To stop digital ‘redlining’ and help students, make the internet an essential utility”
- Healthcare leaders
- Local Governments

California Advanced Services Fund (CASF)

Infrastructure

- Line Extension Program
 - \$4.6 mil available
 - Must meet the qualifying income threshold: CARE or Lifeline
 - A representative, including a facilities-based broadband provider, may apply for service on behalf of an eligible applicant or a group of eligible applicants.

<https://www.cpuc.ca.gov/General.aspx?id=6442461446>

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Adoption

- Digital Literacy Projects
- Broadband Access Projects
- Call Centers to help find low cost internet plans:
 - (855) 456-9995 (CSU Fresno)
 - (877) 355-8922 (United Ways)
- Devices

<https://www.cpuc.ca.gov/General.aspx?id=6442457502>

NEM Revisit (R.20-08-020)

- Rulemaking to consider a successor to the current Net Energy Metering (NEM) tariff
- Proposed Decision adopting guiding principles for the future tariff is on the Commission's 2/11 voting meeting
- Currently scoped to consider proposals in March, with a final decision before the end of the year
- Two white papers being released this month will also inform the proceeding:
 - NEM 2.0 Lookback Evaluation assessing the value and impacts of current structure
 - E3 White Paper identifying options for future tariffs

Proposed principles say the NEM Successor shall:

1. Comply with the statutory requirements of Public Utilities Code Section 2827.1;
2. Ensure equal compensation for the same generation, equal collection of unavoidable and non-bypassable charges, and require participants to pay a fair share for the grid services they use
3. Enhance consumer protection measures for customer-generators providing NEM services;
4. Fairly consider all eligible technologies;
5. Be coordinated with the Commission and California's energy policies, including but not limited to, Senate Bill 100 (2018, DeLeon), the Integrated Resource Planning process, Title 24 Building Energy Efficiency Standards, and California Executive Order B-55-18;
6. Be transparent and understandable to customers and uniform, to the extent possible, across all utilities;
7. Maximize the value of customer-sited renewable generation to all customers and to the electrical grid
8. Consider competitive neutrality amongst Load Serving Entities

Questions?
Comments?
Thank you!