Improving Broadband in Oklahoma

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CBC Vision and Mission

• Generate a brighter future for Oklahoma by broadening the access of reliable and affordable high-speed internet to all Oklahomans.

• Bridge the inequality of access to information, education and economic opportunity by expanding dependable, affordable internet to all Rural Oklahomans.
Electric Cooperatives in OK

• 122,861 Miles of Power Line
• Cover 93% of Oklahoma Land Mass
• Serving 650,000 Rural Members
Members of CBC

- 69,487 Subscribers Currently Served
- 14,455 Miles of Fiber serving 46 counties
- 1Gbps Symmetrical Speed
- No Contracts/Transparent Pricing
- $800M and growing investment in fiber for Oklahoma
# Community Oriented Servant Leaders

## American Customer Satisfaction Index Score: >90
US Average is 75

<table>
<thead>
<tr>
<th>Internet Service Providers</th>
<th>2021</th>
<th>2022</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet Service Providers</td>
<td>63</td>
<td>64</td>
<td>-1.2%</td>
</tr>
<tr>
<td>Verizon Fios</td>
<td>71</td>
<td>72</td>
<td>1%</td>
</tr>
<tr>
<td>T-Mobile</td>
<td>NM</td>
<td>71</td>
<td>NA</td>
</tr>
<tr>
<td>AT&amp;T Internet</td>
<td>71</td>
<td>69</td>
<td>-3%</td>
</tr>
<tr>
<td>Xfinity (Comcast)</td>
<td>67</td>
<td>66</td>
<td>-1%</td>
</tr>
<tr>
<td>All Others</td>
<td>62</td>
<td>65</td>
<td>5%</td>
</tr>
<tr>
<td>Spectrum (Charter Communications)</td>
<td>63</td>
<td>63</td>
<td>0%</td>
</tr>
<tr>
<td>Windstream</td>
<td>61</td>
<td>62</td>
<td>2%</td>
</tr>
<tr>
<td>Cox</td>
<td>63</td>
<td>61</td>
<td>-3%</td>
</tr>
<tr>
<td>Frontier Communications</td>
<td>57</td>
<td>61</td>
<td>7%</td>
</tr>
<tr>
<td>CenturyLink (Lumen Technologies)</td>
<td>62</td>
<td>60</td>
<td>-3%</td>
</tr>
<tr>
<td>Mediacom</td>
<td>60</td>
<td>60</td>
<td>0%</td>
</tr>
<tr>
<td>Optimum (Altice USA)</td>
<td>60</td>
<td>59</td>
<td>-2%</td>
</tr>
<tr>
<td>Suddenlink (Altice USA)</td>
<td>55</td>
<td>58</td>
<td>-4%</td>
</tr>
</tbody>
</table>

NM = Not measured  NA = Not available
Broadband Adoption

Gig City
Closing the Digital Divide
Closing the Digital Divide

I'm thankful we received Wave Rural Connect at the right time because I had two seniors at home that needed internet access.

Laken Pole | Wave Rural Connect Resident

It's here | CVEC Fiber, it's dependable. It's fast and I can do whatever I want when I want, with as many devices as want.

It's here | CVEC Fiber

Without BOLT Fiber Optic Services, the story of Shangri-La Resort would be a much smaller story.

Mike Williams | Shangri-La’s Director of Communications and Government Relations

We are extremely grateful that we now have the technology to successfully participate in our digital lives.

We are extremely grateful that we now have the technology to successfully participate in our digital lives.

Lorie Kullman | CVEC Fiber Subscriber

That idea of being able to stretch a dollar | CVEC Fiber helped us stretch those dollars even more.

Lorie Kullman | CVEC Fiber Subscriber
The Mapping Conundrum

- Fabric and Averages
- Precise Locations and Precise Speeds
- Census of Broadband Speeds of Unserved Locations
- Electric Cooperatives connect all rural Oklahoma
- We can help!

NBAM/NTIA
Community Engagement

Community Support and Engagement:
• Parades
• Community Events
• Member Meetings
• Youth Sponsored trips and camps
• Community and Individual grants for those in need
• Foundation Grants
Community Engagement

Cushing
Yale
Glencoe
Luther
Carney
Chandler
Guthrie
Stroud
Wellston
Coyle
Langston
Stillwater
Mulhall

Ripley
Perkins
Perry
Porter
Braggs
Prague
Wagoner
Eufaula
Tahlequah
Inola
Coweta
Fort Gibson
Gore
Beggs

Dewar
Okeman
Schulter
Cleveland
Fairfax
Payne County
Noble County
Lincoln County
Logan County
Pawnee County
Tulsa County
Creek County
Osage County
Kay County

Sac and Fox Nation
Seminole Nation
Iowa Tribe
Kickapoo Tribe
Pawnee Nation
Cherokee Nation
Cost Efficiency

- Capitalize on Existing Infrastructure
- Existing Expertise in building and operating networks
- NTIA Preferred Fiber to the Home Technology
- Oklahoma Dollars stay in Oklahoma
- Service Oriented not Profit Oriented
- Shovel Ready Projects
Community Revitalization

- Business Revitalization
- Remote Work and Distance Learning
- Workforce Development Programs
  - FBA OpTIC Program
  - OSUIT Fiber Optic Technician Training
Rural Operators best serve Rural Populations

• Rural Operators (Electric, Telephone Coops and Rural Broadband Providers) have been serving the rural population over the last 8 decades

• We are active participants in the community and our employees live locally with the members they serve

• Already Connect all of Oklahoma Rural Population in one way or another. Over 90% of unserved Oklahomans are rural

• Federal Agencies prefer Cooperatives for Broadband Funding

• Part of the rural fabric – Here to Stay!