Broadband USA Applications Database

**Applicant Name:** Live Wire Networks

**Public Notice Submissions**

-----Service Area: Louisville-Lafayette

**Submitter:** Comcast Cable

**Comment:** Attached is a summary of the Comcast Cable homes passed, subscriber and advertising information related to the service areas encompassed by this application.

**Submitter:** Level 3 EON, LLC

**Comment:** Level 3 EON, LLC is filing this challenge based on the network services provided by Level 3 Communications, LLC. ("Level 3")

The overlapping service areas are drawn via the mapping tool. Level 3’s fiber optic network infrastructure can support low speeds to support today’s lower bandwidth needs and can scale to 40G and 100G to meet future bandwidth demands.

Absent some demonstrable cost or technology advantages, government funds should not be used to build along the same routes, and to the same communities, as existing and operating fiber optic networks. In the course of evaluating these projects, the Agencies should determine what other known network assets are already in place and operating, and should require applicants to take advantage of such networks. Level 3 has identified where its network is capable of delivering all or some significant portion of the connectivity that the applicant proposes to deliver for a fraction of the cost proposed by the applicant.

Applicants should be required to demonstrate that they have exhausted commercial options involving use of existing infrastructure or services. In this regard, Level 3 notes that the Agencies’ rules make it clear that a capitalized capacity lease is eligible for funding under BTOP and BIP. The capital costs of deploying fiber is only a fraction of the total network cost. Deploying, operating and maintaining electronic gear makes up the bulk of cost associated with operating a new fiber optic network.
Capitalized capacity leases allow multiple last-mile and middle mile providers to share these significant expenses on a flexible, scalable basis.

Using a capitalized capacity lease, a last mile provider could procure precisely the capacity it needs when needed to serve its community. This option scalable and allows service providers to secure smaller amounts of capacity as an initial matter, adding to the capacity only when demands require. It also adds to project sustainability by reducing both operating and maintenance costs. In addition, as long as Level 3’s network is in proximity, affordable hybrid fiber-microwave technologies can be used to establish interconnects back to the capitalized capacity leases. Multiple BTOP and BIP applicants can use identified capacity on a specific system, but capture the lower costs associated with the sharing of transport expenses.

-----Service Area: Marshdale

Submitter: Comcast Cable

Comment: Attached is a summary of the Comcast Cable homes passed, subscriber and advertising information related to the service areas encompassed by this application.

-----Service Area: Longmont

Submitter: Comcast Cable

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-----Service Area: Edgewater-Wheatridge
Submitter: Comcast Cable

Comment: Attached is a summary of the Comcast Cable homes passed, subscriber and advertising information related to the service areas encompassed by this application.

-----Service Area: Wondervu

Submitter: Qwest

Comment: As authorized by the BIP and BTOP Notice of Funds Availability and the Public Notice associated with the publication of BIP and BTOP broadband infrastructure project funding applications found on the BroadbandUSA.gov website, Qwest responds with broadband service data to the application of Live Wire, Wondervu for funding for an area represented as “underserved” that is located, in whole or in part, in Qwest’s broadband service area.

-----Service Area: Golden

Submitter: Comcast Cable

Comment: Attached is a summary of the Comcast Cable homes passed, subscriber and advertising information related to the service areas encompassed by this application.

-----Service Area: Hidden Valley

Submitter: Comcast Cable

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Submitter: Qwest

Comment: As authorized by the BIP and BTOP Notice of Funds Availability and the Public Notice associated with the publication of BIP and BTOP broadband infrastructure project funding applications found on the BroadbandUSA.gov website, Qwest responds with broadband service data to the application of Live Wire Networks Hidden Valley for funding for an area represented as “unserved” that is located, in whole or in part, in Qwest’s broadband service area.

-----Service Area: Conifer

Submitter: Qwest

Comment: As authorized by the BIP and BTOP Notice of Funds Availability and the Public Notice associated with the publication of BIP and BTOP broadband infrastructure project funding applications found on the BroadbandUSA.gov website, Qwest responds with broadband service data to the application of Live Wire Networks Conifer for funding for an area represented as “underserved” that is located, in whole or in part, in Qwest’s broadband service area.

-----Service Area: Broomfield

Submitter: Comcast Cable

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Submitter: Level 3 EON, LLC

Comment: Level 3 EON, LLC is filing this challenge based on the network services provided by Level 3 Communications, LLC. ("Level 3")
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Using a capitalized capacity lease, a last mile provider could procure precisely the capacity it needs when needed to serve its community. This option scalable and allows service providers to secure smaller amounts of capacity as an initial matter, adding to the capacity only when demands require. It also adds to project sustainability by reducing both operating and maintenance costs. In addition, as long as Level 3’s network is in proximity, affordable hybrid fiber-microwave technologies can be used to establish interconnects back to the capitalized capacity leases. Multiple BTOP and BIP applicants can use identified capacity on a specific system, but capture the lower costs associated with the sharing of transport expenses.

-----Service Area: Allens Park

Submitter: Qwest
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-----Service Area:  Arvada

**Submitter:** US Cable of Coastal-Texas, L.P.

**Comment:** US Cable of Coastal-Texas, L.P. provides high speed broadband internet service in communities that are within the applicant's proposed service area.

**Submitter:** Comcast Cable

**Comment:** Attached is a summary of the Comcast Cable homes passed, subscriber and advertising information related to the service areas encompassed by this application.

-----Service Area:  Lakewood

**Submitter:** Comcast Cable

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-----Service Area:  Indian Hills
Submitter: Comcast Cable

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-----Service Area: Estes Park

Submitter: Level 3 EON, LLC

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-----Service Area:  Loveland

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-----Service Area:  Hygiene

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Submitter:  Qwest

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-----Service Area:  Fort Collins

Submitter:  US Cable of Coastal-Texas, L.P.

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Submitter:  Comcast Cable

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-----Service Area: Genesee

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-----Service Area: Boulder

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-----Service Area: Morrison

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-----Service Area: Westminster

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-----Service Area: Evergreen

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-----Service Area: Twin Forks

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