

A man with a beard is shown in profile, looking at a tablet device. He is standing in a field of solar panels. The background shows a cloudy sky and a horizon line. The entire image has a blue tint.

Connect America Fund

Filing with the HUBB Portal

January 31, 2019



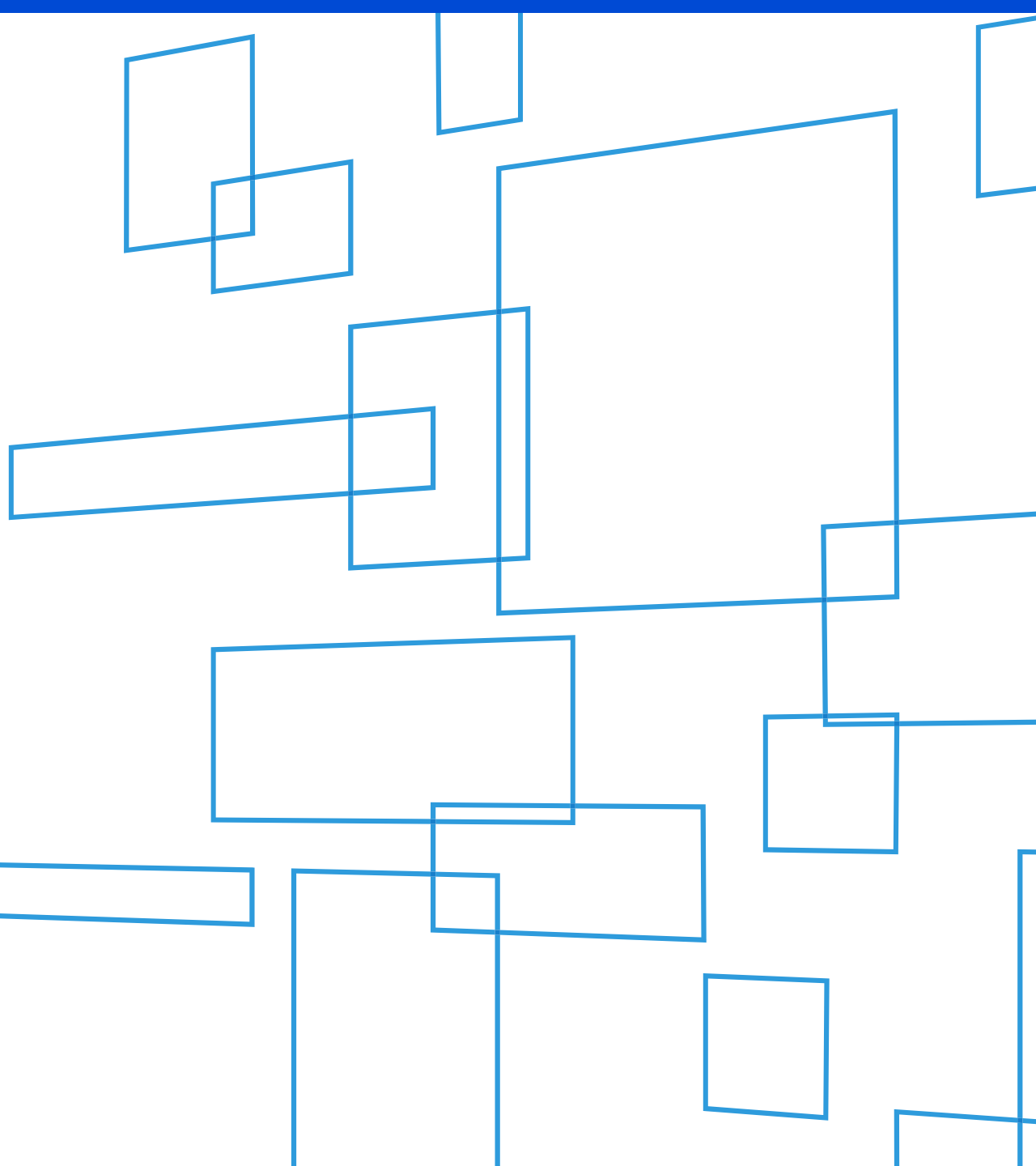
Universal Service
Administrative Co.

Housekeeping

- Use the “Audio” section of your control panel to select an audio source
- Turn on your computer’s speaker, or
- Use the call-in instructions (including audio PIN)

Audience Q&A

- Submit your questions using the “Questions” box in your webinar control panel
- We will answer questions at the end of the presentation



Today's Presenters

Joelle Tessler

Senior Manager of Stakeholder Engagement, High Cost

Sherika Wynter

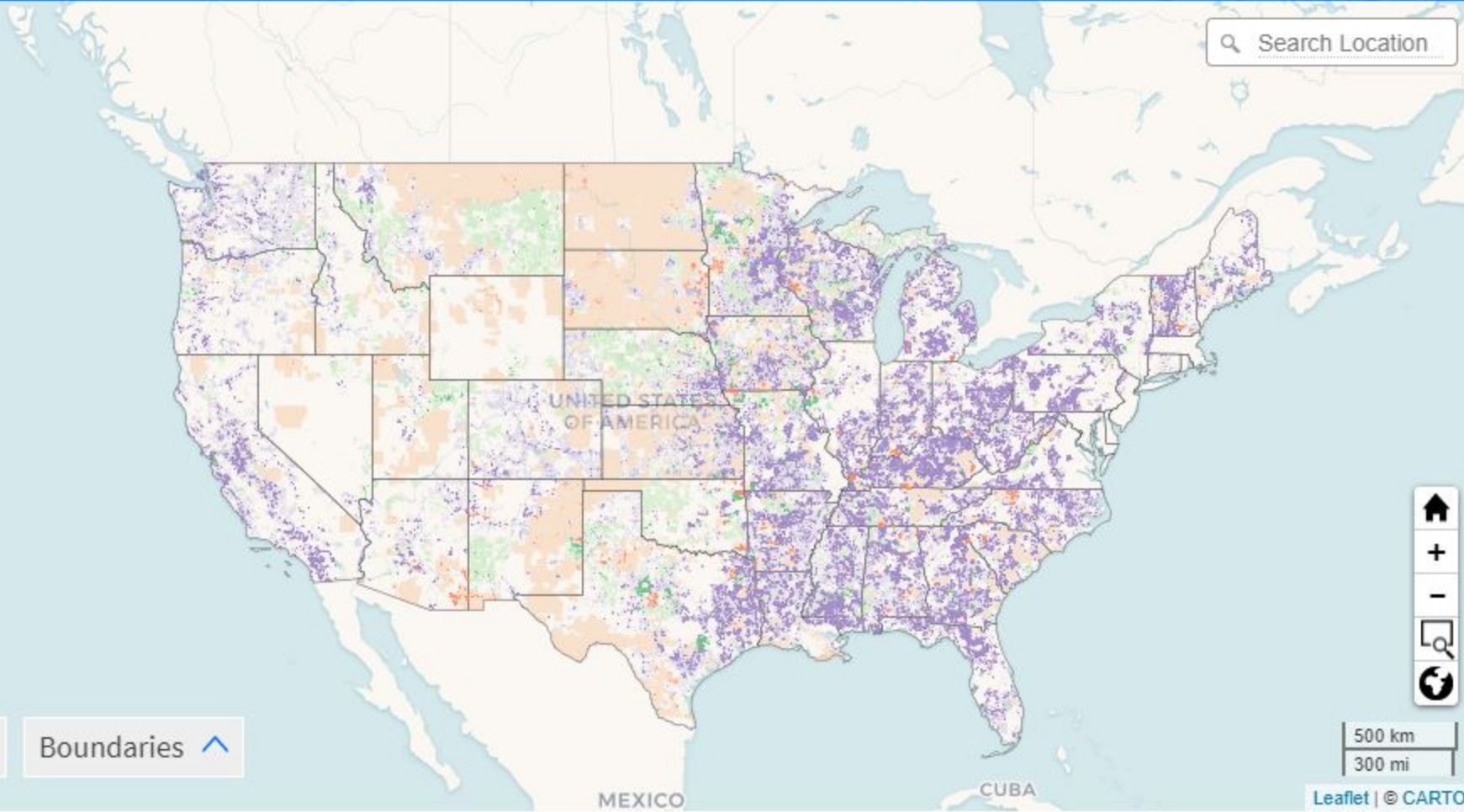
Senior Product Manager, High Cost

High Cost Universal Broadband (HUBB) Portal

A system that collects the geographic coordinates (latitude and longitude) of locations where carriers are deploying broadband using Connect America support

- A tool for collecting location-specific service availability data from carriers across all Connect America Fund (modernized) programs – millions of individual records
- Real-time validation of data submissions
- Serves as a platform for verification and compliance
- Data in the HUBB is the foundation for the CAF Map, a new public map that shows the impact of CAF funding on broadband expansion across rural America
- Began with the July 2017 filing for Price Cap carriers participating in CAF Phase II, followed by March 2018 filing for carriers in multiple modernized funds
- **Next HUBB filing deadline is March 1, 2019**

Feedback



Fund

All Funds ▼

State

All States ▼

Company Name

Search Company Name

Speed (Applicable only to Local Data)

All Speeds ▼

Deployment Year

All Years ▼

[Clear All Filters](#)

State Data

Local Data

Displaying 1-25 of 762 records | [Download Data](#)

State ▲	Fund	Company Name	Deployment Year	Locations Obligation	Locations Deployed	Total Support Disbursed
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What data is USAC collecting?

(may vary by fund and with new HUBB releases)

Field	Example
SAC*	579999
Latitude*	39.509220
Longitude*	-98.433700
Date of Deployment*	02/28/2017
Download/Upload Speed Tier*	3
Address*	715 Wisconsin Street
City*	Cawker City
State*	KS
ZIP Code*	67430
# of Units*	3

HUBB Data Filing Process

Compile
Data

Enter
Data

Validate
Data

Certify
Data

Certify
Milestone

Use templates to compile location data, using Geolocation best practices

Upload template with location data to the HUBB

Location data validated by HUBB – address any errors or warnings

Certifying Officer certifies location data in the HUBB

Certifying Officer certifies milestone in the HUBB (if applicable)

Funds with March 1, 2019 Filing Deadline

Carriers participating in the following funds must file with the HUBB by March 1, 2019:

- **Connect America Fund (CAF) Phase II:** CAF II carriers must be at least 60 percent of the way deployed toward their total build-out obligations by the end of 2018 or face potential loss of support. This 60 percent build-out milestone applies in each state where the carrier receives support.
- **Alternative Connect America Cost Model (A-CAM):** ACAM carriers also have until March 1, 2019 to file pre-existing locations deployed in 2016 and earlier.
- **Rural Broadband Experiments (RBE)**
- **Alaska Plan**
- **Connect America Fund-Broadband Loop Support (CAF-BLS):** CAF-BLS carriers that are 80 percent or more deployed at 10/1 (delivering download speeds of at least 10 Mbps and upload speeds of at least 1 Mbps) based on their 2015 Form 477 filings do not have to report deployment data through the HUBB portal.

Deployment Data Currently in the HUBB

As of the March 2018 filing deadline, carriers participating in the following funds had filed data for all locations deployed in the following years:

- **Connect America Fund (CAF) Phase II:** locations deployed in 2016 and 2017, as well as any locations deployed before 2016 that carriers have *refiled* with the HUBB to meet deployment milestones
- **Alternative Connect America Cost Model (A-CAM):** locations deployed in 2017
- **Rural Broadband Experiments (RBE):** locations deployed in 2017
- **Alaska Plan (other than carriers with individualized performance plans that only require them to maintain service at existing levels):** wireline, last mile end-user locations deployed in 2017 (and 2016 on an optional basis), and middle mile node data
- **Connect America Fund-Broadband Loop Support (CAF-BLS - less than 80 percent deployed):** locations deployed from May 26, 2016 (the effective date of the Rate of Return order) – December 31, 2017

HUBB Updates Since March 1, 2018

- Improved user interface design
 - Easier navigation
 - Ability to see a history of location edits and uploads
 - Email receipt of certification confirmation
- Improved descriptions for error codes
- Improved system performance and reduced validation times
 - CSV upload and validation speed improvements for wireline carriers
 - CSV and shapefile upload speed improvements for Alaska wireless carriers
- Updated instructions
- Ability to edit past certified data
 - All fields except latitude, longitude and date of deployment
- New speed tier codes for Alaska wireline carriers – UPDATE

Tips on Filing Location Data

- Collect accurate location data
 - Use geolocation best practices (See [guide](#) on HUBB resource [page](#))
- Location lat/long coordinates should be six decimals
 - System will issue warning if lat/long coordinates are only five decimals (but will accept the data)
 - System will produce error and reject the data if late/long are only to four decimals
- **Start filing early to identify and fix any data errors**
- Impact of certifying inaccurate data
 - Potential to be in default of deployment obligations and face possible loss of support

Tips for HUBB Filing Success

- Ensure all of your users can successfully log into HUBB
 - Contact your Form 498 Officer or General Contact for updates to user accounts
- Check the version of your Internet browser
 - Check Help for currently supported versions
- Download and use the most current version of the template
 - Found in HUBB and on HUBB resource page
- **Be sure to certify your data and milestone (if applicable) after it has been saved**
- **Note that carriers that did not deploy any locations in 2018 must still log into the HUBB and certify "no locations to upload" by March 1, 2019**

Select Application

HUBB

Home

Manage Uploads

Location Details

Milestone Certification and Reporting

Select Holding Company/ Carrier Name

AT&T Inc.

AT&T Inc.

Deployment Information

CAF II

TN

2017

Locations Overview as of 2017

Locations Information

- 0 Total Uploaded
- 0 Saved But Not Certified
- 0 Certified

My Study Areas

Percentage towards Milestone

SAC	Percentage
295185	0%



[See all milestones](#)

New homepage to go live on February 15th 2019!

Recent Activity

You have no recent activity

Resources

- Location Data CSV Template
- Data Formatting Instructions 
- Filing Guidance Q&A 

Select Application

[Home](#)[Manage Uploads](#)[Location Details](#)[Milestone Certification and Reporting](#)

Manage Uploads

Use the form entitled [CSV Template](#) to upload data. For more information on how to use this and how to format your data, click on [Detailed Instructions](#) and [Filing Guidance Q&A](#).

The "deployment year" is derived by the system from the deployment date provided in each qualifying uploaded record that should be reported to USAC. The year associated with the deployment date is used as the "deployment year".

The HUBB permits carriers to file records for multiple deployment years at once. Timeliness is based on the due date for the deployment year associated with each record. That is, if records are filed prior to the deployment year due date, they are considered on-time. If records are filed after the deployment year due date, they are considered late. For example, on March 15, 2018, a CAF-BLS recipient files some records for the 2017 deployment year (report due March 1, 2018) and some records for the 2018 deployment year (report due March 1, 2019). The records associated with the 2017 deployment year are considered late as they were filed after the 2017 deployment year due date (March 1, 2018). The records associated with the 2018 deployment year are considered on-time as they were filed before the 2018 deployment year due date (March 1, 2019).

[Upload Location File](#)[No Locations To Upload](#)

Please follow the "No Locations to Upload" path if you have no locations to report in the HUBB for the 2018 deployment year.

Recently Uploaded Files

 No files uploaded.

Select Application

[Home](#)[Manage Uploads](#)[Location Details](#)[Milestone Certification and Reporting](#)

Manage Uploads

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[Upload Location File](#) [No Locations To Upload](#)

To upload new locations in the HUBB for the 2018 or 2019 deployment year, please follow the "Upload Location File" path

Recently Uploaded Files

No files uploaded.

Select Application

HUBB 

[Home](#)

[Manage Uploads](#)

[Location Details](#)

[Milestone Certification and Reporting](#)

File Upload Details

Below are the validation results for **RBE_UAT.csv**. Please review the warnings or errors in the data. Then save, edit, or delete the records that you uploaded from this file.

Summary

The total of successful, errors, and warnings may not be the same as this total because a single record may have more than one error and/or warning.



[Download Data Errors And Warnings](#)

Issue Breakdown

The chart below displays a breakdown of all issues found in the file by the type.


Grouped Stacked Warnings Errors

DATA OPTIONS

What's Next? There are 3 options available:
Save records without errors. Saving does NOT certify the records.

[Save](#)

OR

Edit incorrect records from this upload using the  icon in the table below. Your data will be saved.

OR

Delete all records from this upload. Your data will not be saved.

[Delete](#)

When you've corrected your locations & are ready to move to certification, please save your locations.

Select Application

HUBB

Home

Manage Uploads

Location Details

Milestone Certification and Reporting

Location Details

Show locations by

Fund

All Funds

Deployment Year

2019

Status

Not Certified

Uploaded From

From

Uploaded To

To

Show More

Certify

Delete

Download Locations

Carrier Location ID

Search Lat, Long, ID or SAC

<input type="checkbox"/>	SAC	Uploaded On	Carrier Location ID	Latitude	Longitude	Date of Deployment	Speed Tier	State	# of Units	View/Edit
<input type="checkbox"/>	100024	01/30/2019	8	44.99767499	-69.5472259	01/01/2019	8	AK	10	View/Edit
<input type="checkbox"/>	100024	01/30/2019		44.99766499	-69.5472259	01/01/2019	7	AK	10	View/Edit
<input type="checkbox"/>	100024	01/30/2019	6	44.99765499	-69.5472259	01/01/2019	6	AK	10	View/Edit
<input type="checkbox"/>	100024	01/30/2019	5	44.99774499	-69.5472259	01/01/2019	5	AK	10	View/Edit

New Feature:
Ability to search by:

- Carrier ID
- Lat.
- Long.
- SAC

Select Application

HUBB 



[Home](#)



[Manage Uploads](#)



[Location Details](#)

[Milestone Certification and Reporting](#)

Milestone Certification and Reporting

 Fund selected: CAF BLS 

 State selected: CO 

 SAC selected: 462210 

Fields may automatically populate based on your uploaded file.
You may edit your fields at any time.

In the table below, click a deployment year to view your uploaded locations by speed tier.

Disclaimer: This report provides feedback as data is added or removed from the HUBB. The information contained within this report is intended for informational purposes only to assist in compliance efforts and does not constitute a final determination of your compliance with the required performance obligations.

To see your broadband deployment uploads by speed tier, click on a year in the “Build-out requirement” table.

Build-out requirement (locations): 0

Deployment Year	Locations Ready For Certification	Certified Locations	% of Certified Locations	Milestone Obligation %	Milestone on Target?	Certified On	Milestone Certification Status	View History
2016	0	0	-		-	-		
2017	0	0	-		-	-		
2018	0	0	-		-	-		
2019	0	0	-		-	-		
2020	0	0	-		-	-		
2021	0	0	-	100%	-	-		
Summary	0	0	-					

Select Application

HUBB

Home

Milestone

Fund selected: CAF BLS

State selected: CO

SAC selected: 462210

2017 Speed Tier Report

1 Mbps/256 Kbps	4 Mbps/1 Mbps	10 Mbps/1 Mbps	25 Mbps/3 Mbps	25 Mbps/5 Mbps	100 Mbps/20 Mbps	100 Mbps/25 Mbps	1 Gbps/500 Mbps	Total
0	0	0	0	0	0	0	0	0

Fields may automatically populate based on your uploaded file. You may edit your fields at any time.

In the table below, click a deployment year to view your uploaded locations by speed tier.

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2017	0	0	-		-	-		
2018	0	0	-		-	-		
2019	0	0	-		-	-		
2020	0	0	-		-	-		
2021	0	0	-	100%	-	-		
Summary	0	0	-					

HUBB Resources

For more information about the HUBB,
please visit the HUBB Resources Page
on the High Cost Website:

<http://www.usac.org/hc/tools/hubb.aspx>

Resources include:

Links to FCC Public Notices and Orders

FAQs

A Guide to Geolocation Practices

Data Formatting Instructions

Questions?

