

Office of the
Chief Information Officer

Broadband Map V5

Final Agency Decision

DOCKET NO. 042C

A. CHALLENGER INFORMATION

Entity/Community Name	Scenic Hills Subdivision
FRN (Provider Only)	
Address	19910 333rd Ave
City	Dyersville
State	Iowa
Zip	52040

B. DESIGNATED CONTACT INFORMATION

Contact Name	Jeff Geistkemper
Contact Phone Number	53-543-1743
Contact Email	jgeistkemper@MVEC.com

C. CHALLENGE TYPE

<input type="checkbox"/>	Resident
<input checked="" type="checkbox"/>	Community
<input type="checkbox"/>	Provider - Self-reporting
<input type="checkbox"/>	Provider - Third-party
<input type="checkbox"/>	State
<input type="checkbox"/>	Location Not on Map

D. EVIDENCE CONSIDERED

With respect to the address locations forming the basis of this Challenge, the Office has reviewed the evidence and information submitted by Challenger related thereto (see Appendix C for original submission), in conjunction with the maps and data sources originally utilized in determining whether and to what extent service was available to a particular address location.

<input checked="" type="checkbox"/>	Challenger submitted an Attestation as part of its Challenge, affirming under penalty of perjury whether and to what extent Broadband service was offered as of August 2, 2022.
<input checked="" type="checkbox"/>	Challenger submitted additional information in support of its Challenge. This information has been considered by the Office in making its Final Decision.
<input checked="" type="checkbox"/>	Challenged address locations within this Challenge overlap with other Challenge(s) containing one or more of the same address locations. The Office considered evidence submitted in connection with any overlapping Challenge in making its final decision for any overlapping address location.
<input checked="" type="checkbox"/>	The Office sent a Notice to impacted Provider(s) at the challenged address location concerning whether and to what extent reported broadband service was offered as of August 2, 2022. The Office may have received a Response and/or other evidence from impacted Provider(s) in response to such Notices, or in response to the general Notice posted on the website. Refer to Appendix D for a record of these efforts.

Go to <https://ocio.iowa.gov/broadband-availability-map-version-5-challenge-process> for more information regarding how the Office evaluates evidence and makes determinations regarding information reflected on the map.

E. APPEAL

The Office will post its Final Decisions on its website at ocio.iowa.gov/broadband. If a Challenger wishes to appeal the Decision, the Challenger must notify the Office in writing within thirty (30) days of the posting of the Decision. A request for a contested case must be filed by mailing a written request to:


Office of the Chief Information Officer
c/o Matt Behrens
200 E. Grand Ave.
Des Moines, IA 50309

In so doing, the reason for appealing this Decision must be stated, specifically identifying the particular aspects of the Decision with which Appellant disagrees and the reasons why, whether factual or legal in nature. The request for a contested case proceeding should state the name and address of the requester; identify the specific Office action which is disputed; and, where the requester is represented by a lawyer, identify the provisions of law or precedent requiring or authorizing the holding of a contested case proceeding in the particular circumstances involved, and include a short and plain statement of the issues of material fact in dispute. Iowa Admin. Code r. 129–6.4.

Upon receipt, the appeal will be forwarded to the Department of Inspections and Appeals where an Administrative Law Judge (“ALJ”) will perform an independent review. Iowa Admin. Code r. 129–6.6. At that time, an ALJ will schedule a hearing. If Appellant does not exercise its appeal right within thirty (30) days of the posting of this Decision, this Decision shall become final and no longer subject to challenge.

SIGNED

DATE



12/20/2022

Matt Behrens
Chief Information Officer
State of Iowa

Date of Issuance: December 20, 2022

Definitions	
Challenged Provider	A provider that has been named in a challenge; the challenge is specific to that provider.
Notice Form	A notice was sent in the form of an Excel workbook to all providers at a challenged address location regardless of whether the challenge named the provider specifically. Multiple Notice Forms may have been sent regarding Map V5.
Unchallenged Provider	A provider that reflects on the Map as serving an address location that is being challenged but the challenge is not specific to that provider.

Basis Number	Decision	Explanation	For Use When:	Result
1	Accepted	The Office accepts the information submitted by the Challenger for this address location because the Office does not possess conflicting information.	(1) A provider confirms they do not serve that address location; (2) The challenged provider did not respond to the Notice Form.	Change to the map
2	Declined	The Office declines the information submitted by the Challenger due to one of the following reasons: (1) the evidence provided by the Challenger is not sufficiently probative; (2) the evidence or explanation given by provider(s) at that location was sufficient to overcome challenger's claim; (3) Challenger's claim was not against this provider, and provider responded to Notice; (4) Location ID is outside of NOFA project area.	(1)The Unchallenged Provider responded to the Notice Form; (2) The address location falls outside the area identified in the evidence; (3) The Challenged Provider responded to the Notice Form with sufficient evidence to rebut the claim.	No change to the map
3	Accepted	The Office accepts the information submitted by the Challenger for this address location despite information having been submitted by impacted provider(s). The Office finds the evidence submitted by the Challenger to be more probative than the information submitted by impacted provider(s).	(1) The Challenged Provider responded without evidence or without sufficient evidence to rebut the claim.	Change to the map
4	Declined	The Office declines the information submitted by the Challenger because there was an insufficient basis for challenge.	(1) No providers reflect at this address location; (2) A provider was noticed for their own submitted challenge and did not respond; (3) Provider claims previous incentive already reflected on the map; (4) Resident claims they are happy with their service and not reporting problems with their provider; (5) Challenged provider is not reflected on the Map for that address location; (6) Map already reflects the stated claim for challenge.	No change to the map

IA Location ID	Street Address	City	State	ZIP Code	No. of Units at address	Basis for Challenge	Challenge Detail	Fastest download speed in Mbps for this type of service	Fastest upload speed in Mbps for this type of service	Technolog y Type
1096507	33266 XENA ROAD	DYERSVILLE	IA	52040	1	6-Reported speed not available for purchase (speed not offered)	Provider or Community: I am challenging a broadband provider			
1140508	33224 XENA ROAD	DYERSVILLE	IA	52040	1	6-Reported speed not available for purchase (speed not offered)	Provider or Community: I am challenging a broadband provider			
1299807	19962 333RD AVENUE	DYERSVILLE	IA	52040	1	6-Reported speed not available for purchase (speed not offered)	Provider or Community: I am challenging a broadband provider			
20881	3354 197TH STREET	DYERSVILLE	IA	52040	1	6-Reported speed not available for purchase (speed not offered)	Provider or Community: I am challenging a broadband provider			
51353	19720 333RD AVENUE	DYERSVILLE	IA	52040	1	6-Reported speed not available for purchase (speed not offered)	Provider or Community: I am challenging a broadband provider			
376202	19710 333RD AVENUE	DYERSVILLE	IA	52040	1	6-Reported speed not available for purchase (speed not offered)	Provider or Community: I am challenging a broadband provider			
413608	19910 333RD AVENUE	DYERSVILLE	IA	52040	1	6-Reported speed not available for purchase (speed not offered)	Provider or Community: I am challenging a broadband provider			
903634	19830 333RD AVENUE	DYERSVILLE	IA	52040	1	6-Reported speed not available for purchase (speed not offered)	Provider or Community: I am challenging a broadband provider			

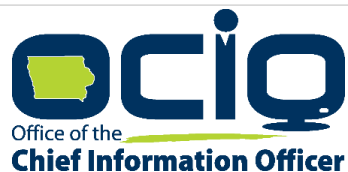
[illegible]

Docket	Address ID	Address	City	State	Zip	Provider	Response Received	Final Agency Decision	Decision Basis	Overlapping Challenge
042C	20881	3354 197TH STREET	DYERSVILLE	IA	52040	Windstream	Yes	Accepted	1	048S
042C	20881	3354 197TH STREET	DYERSVILLE	IA	52040	Comelec Services, Inc.	No	Accepted	1	
042C	51353	19720 333RD AVENUE	DYERSVILLE	IA	52040	Windstream	Yes	Accepted	1	048S
042C	51353	19720 333RD AVENUE	DYERSVILLE	IA	52040	Comelec Services, Inc.	No	Accepted	1	
042C	376202	19710 333RD AVENUE	DYERSVILLE	IA	52040	Windstream	Yes	Accepted	1	048S
042C	376202	19710 333RD AVENUE	DYERSVILLE	IA	52040	Comelec Services, Inc.	No	Accepted	1	
042C	413608	19910 333RD AVENUE	DYERSVILLE	IA	52040	Windstream	Yes	Accepted	1	048S
042C	413608	19910 333RD AVENUE	DYERSVILLE	IA	52040	Comelec Services, Inc.	No	Accepted	1	
042C	903634	19830 333RD AVENUE	DYERSVILLE	IA	52040	Windstream	Yes	Accepted	1	048S
042C	903634	19830 333RD AVENUE	DYERSVILLE	IA	52040	Comelec Services, Inc.	No	Accepted	1	
042C	1096507	33266 XENA ROAD	DYERSVILLE	IA	52040	Comelec Services, Inc.	No	Accepted	1	
042C	1096507	33266 XENA ROAD	DYERSVILLE	IA	52040	Windstream	Yes	Accepted	1	048S
042C	1140508	33224 XENA ROAD	DYERSVILLE	IA	52040	Windstream	Yes	Accepted	1	048S
042C	1140508	33224 XENA ROAD	DYERSVILLE	IA	52040	Comelec Services, Inc.	No	Accepted	1	
042C	1299807	19962 333RD AVENUE	DYERSVILLE	IA	52040	Windstream	Yes	Accepted	1	048S
042C	1299807	19962 333RD AVENUE	DYERSVILLE	IA	52040	Comelec Services, Inc.	No	Accepted	1	

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APPENDIX C

Original Challenge Submission



Broadband Map v5 Community and Provider Challenge Form

The Office of the Chief Information Officer ("OCIO" or "Office") recently published the Statewide Broadband Availability Map version 5 ("Map v5"). Map v5 is designed to facilitate decisions concerning future spending under federally-funded broadband programs. Because Map v5 does not use the tiered structure envisioned by Iowa Code chapter 8B and because future federally-funded grant opportunities made available by the Office in accordance with Map v5 will not conform to Iowa Code chapter 8B, the map challenge process envisioned under Iowa Code section 8B.10 does not apply. However, the Office is making available a challenge process to allow public input into whether the map accurately reflects broadband coverage as of the publication date of Map v5 (the "As Of" date of Map v5).

The Office utilizes maps and data sources made available by the Federal Communications Commission (FCC) and/or developed or produced by contractors or third parties retained or utilized by the Office. These maps and corresponding data sources represent the status of Broadband in Iowa on the As Of date as reported by Communication Service Providers in Iowa. Unlike prior broadband coverage maps, Map v5 identifies broadband coverage by individual locations, making Map v5 far more granular than prior maps that displayed eligibility at the census block level.

Challenges to Map v5 will be based on presence or reliability of service and/or speed. Challengers will be required to provide for every location challenged an address and corresponding IA Location ID, to the extent a Location ID is available on the map. Challenges without this information may not be evaluated.

Every location on Map v5 reflects a status of 'likely eligible' or 'likely ineligible.' This status is based solely on speed and technology type. The eligibility of any particular location is contingent on the requirements associated with the federal funding being used to fund future Notices of Funding Availability ("NOFAs"). Eligibility determinations are subject to change over time. In addition, eligibility designations in no way guarantee facilitation of service in the future through state- or federally-funded broadband builds.

On August 2, 2022, the Office posted the final version of Broadband Availability Map v5 and opened a 30-calendar-day challenge window wherein anyone aggrieved or adversely affected by mapping determinations may challenge the Office's final determination of whether service at a particular location is accurately reflected.

This form is for PROVIDERS and COMMUNITIES only. Resident challengers should fill out the form via the Map on the website.

You must check next to each row that you have read and understood the terms of the challenge process. Without this acknowledgment, the appeal will not be evaluated.

Use the tab titled "Challenge Form" to challenge any particular location. If you would like to report an address not presenting on the map, please use the tab titled "Location Not Present on Map." You can also use this tab to report when the location is not presenting at the correct area.

Challenger acknowledges the following (click checkbox to acknowledge):

The information on the Map may be challenged for conditions existing as of August 2, 2022 (the "As Of" date). Challenges based on changes occurring to broadband service after the As Of date will not be considered.	JG	
When submitting a challenge, evidence must be submitted for every location challenged in support of changing the likely eligible or likely ineligible status. Documentation that is speculative, generalized, or vague will not be sufficient. You may use the Sworn Statement/Survey template provided. Supporting documentation must be provided in one pdf. Reference to the page number of the supporting evidence within the pdf must be noted in Challenge Form. Challenged locations without a referenced page will not be evaluated.	JG	
<p>The Office reserves the right to reject challenges for a variety of reasons, including but not limited to:</p> <ul style="list-style-type: none"> >> Challenges claiming buildout at a future date; >> Challenges received reflecting incomplete information, including lacking IA Location ID; >> Challenges to a provider's service that are submitted without supporting evidence; >> Multiple challenge forms submitted by a provider or a community; >> Challenges received after September 1, 2022; >> Challenges received without all checkboxes marked indicating acknowledgement of the terms. 	JG	
The Office will notify affected parties by posting to the website any notice of challenge received. Final agency decisions shall become final unless within 30 days of the posting of a final decision, a challenger or person or party aggrieved or adversely affected requests a contested case proceeding pursuant to Iowa Administrative Code chapter 129-6.	JG	



Broadband Map V5 Provider/Community Challenge Form

A. CHALLENGER INFORMATION

Entity/Community Name	Scenic Hills Subdivision
FRN (Provider Only)	
Address	19910 333rd Ave
City	Dyersville
State	Iowa
Zip	52040

B. DESIGNATED CONTACT INFORMATION

Contact Name	Jeff Geistkemper
Contact Phone Number	53-543-1743
Contact Email	jgeistkemper@MVEC.com

C. EXPLANATION

To the extent you believe additional explanation is required to ensure that you are communicating full and accurate information, please provide narrative to further explain your challenge.

I wish to challenge Windstream's map indicating the speeds they can provide, I was able to use the Windstream website to demonstrate that although they claim in the mapping with the FCC & OCIO that they in fact do not offer those speeds to the residents of the subdivision (only offer 3Mb) there are 8 other homes not included in this challenge where they claim to offer over 200Mb/50Mb however no residents actually take their service so we (I) have no proof to challenge those areas

D. ATTESTATION

By signing and submitting this form, the authorized representative attests that to the best of the authorized representatives knowledge and belief, the information submitted through this challenge form is true and accurate, and the form is signed under the pains and penalties of perjury. By typing your name, you are affixing your signature to this form and attesting to the accuracy of the information submitted herein.

Authorized Signature:	Jeff Geistkemper
Title:	Resident of Subdivision (Fiber Plant Manager for Maquoketa Valley Electric Cooperative)
Date:	9/2/2022

windstream.com/buy?utm_medium=sembran&utm_source=Google&utm_campaign=google_brand_omega_internet_ppc

Report Manager Alliant Energy - Cre... Alliant Energy - Att... Notice of Funding... DROP ISSUES Iowa Utilities Board Iowa Broadband V7... ReConnect Progra... Ultimate Topology MVEC - Data Share... WORK ORDERS- EL...

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Service Location Change

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From \$47.99/mo*

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Compare Services

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9/1/2022

Scenic Hills Subdivision (Dyersville Iowa) To OCIO V5 Broadband Map

IA Location ID	Street Address	City	State	ZIP Code	Reported Speed Availble from Windstrem Web Site when I request service	Page #
1096507	33266 XENA ROAD	DYERSVILLE	IA	52040	3 Mbs	1
1140508	33224 XENA ROAD	DYERSVILLE	IA	52040	3 Mbs	2
1299807	19962 333RD AVENUE	DYERSVILLE	IA	52040	3 Mbs	3
20881	3354 197TH STREET	DYERSVILLE	IA	52040	3 Mbs	4
51353	19720 333RD AVENUE	DYERSVILLE	IA	52040	3 Mbs	5
376202	19710 333RD AVENUE	DYERSVILLE	IA	52040	3 Mbs	6
413608	19910 333RD AVENUE	DYERSVILLE	IA	52040	3 Mbs	7
903634	19830 333RD AVENUE	DYERSVILLE	IA	52040	3 Mbs	8

APPENDIX D

Notices

KIM REYNOLDS, GOVERNOR

ADAM GREGG, LT. GOVERNOR

10/3/2022

Comelec Services Inc.
Josh Althaus
josh.althaus@yousq.net
Sent via email only

The Office did not receive a response to this Notice.

To whom it may concern:

This is a letter of inquiry concerning your organization's prior reporting to the State of Iowa Office of the Chief Information Officer ("OCIO" or "Office") regarding the availability of Broadband service at certain address location(s). Our Office received a timely-filed Challenge Form challenging information reported on the Broadband Availability Map Version 5 ("V5") of the Statewide Broadband Availability Map ("Map"). The data reflected on V5 of the Map was either: (1) provided by you to the Office's contractor, Connected Nation, during the data collection window of November 1, 2021 through February 11, 2022; (2) gathered from other sources (such as FCC) that collected data from you; or (3) carried forward from prior reporting made to this Office by you under a previous Map version.

Map V5 identifies where Broadband service was offered or facilitated at speeds greater than 25/3 as of August 2, 2022. The Map also reflects a preliminary determination of 'likely eligible' or 'likely ineligible' based on speed, technology type, and previous incentives and is a prospective estimate of potential eligibility under various federal programs. The publication of the Map on August 2, 2022 triggered a formal 30-day challenge window during which time we received challenges citing or implicating your service. The challenge(s) we received claims that the data reflected on V5 of the Map is inaccurate. All timely-filed challenges can be found at <https://ocio.iowa.gov/broadband-availability-map-version-5-challenge-process>. **To resolve this matter, the Office requests that your organization provide information concerning your service at the affected address locations as further identified and described below by October 24, 2022 at 5:00 CDT.**

Map V5 is designed to facilitate decisions concerning future spending under federally-funded broadband programs. Because Map V5 does not use the tiered structure envisioned by Iowa Code chapter 8B and because future federally-funded grant opportunities made available by the Office in accordance with Map V5 will not conform to Iowa Code chapter 8B, the map challenge process outlined in Iowa Code section 8B.10 does not apply. Similarly, within 30 days after the Office's official publication of the Map, the Office permitted any person or party aggrieved or adversely affected by such determination to challenge the office's finding by submitting a challenge form along with all evidence or information supporting the challenge. The

proffered bases for challenge largely mirror those offered by the FCC in their Broadband Data Collection efforts.

V5 of the Map currently shows that service offered at a particular address location renders that address location either likely eligible or likely ineligible for future federal grant funding. As part of the above-outlined process, OCIO received a formal challenge and supporting evidence from one or more Iowa residents or Communications Service Provider(s), claiming that service your organization reports is insufficient to warrant the likely ineligible status of a particular address location.

At this time, the Office requests your assistance in making an accurate determination as to whether your organization in fact offers the speeds reported at each challenged address location as of August 2, 2022. To that end, the Office requests that you:

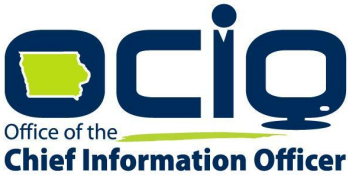
- 1) Complete and return the attached Challenge Notice Form (see Exhibit A, Affirmation tab), by **October 24, 2022 at 5:00 CDT**. Pursuant to this form, OCIO requests that a representative with legal authority to bind your organization:
 - a) Confirm that the speeds reported at the challenged address locations are correct as of August 2, 2022.
 - b) Fully complete all other aspects of the Form.
- 2) In addition to the form, please also submit any other evidence or information in your possession to the Office that supports your prior representations to the Office regarding the address locations identified in Exhibit A. Examples of evidence and information the Office would consider particularly probative include: Bills or invoices provided to or received by customers at the applicable address location which identify the specific download and upload speeds provided or received as of August 2, 2022.

Please return the completed form and supporting evidence or information to ociogrants@iowa.gov.

Please note that you are under no legal obligation to respond to this request for information. The Office permits any affected person or party to submit evidence or information to the Office in support of or in opposition to a challenge within 20 days after the challenge has been posted to ocio.iowa.gov/broadband. However, this Office is affirmatively reaching out to notify you of the challenge, of the circumstances surrounding the challenge, and to solicit your feedback and position. If this Office does not receive your response via Exhibit A of the Form by **October 24, 2022 at 5:00 CDT**, the Office will make a final decision based on the evidence and information currently available to it.

Sincerely,

Office of the Chief Information Officer
State of Iowa

<div></div> <div>Broadband Map V5 Challenge Notice</div>	
EXHIBIT A Affirmation of Service or Lack of Service at Address Locations Broadband Availability Map Challenge Process Version 5	
A. RESPONDENT INFORMATION	
Company Name Address City State Zip	
B. DESIGNATED CONTACT INFORMATION	
Contact Name Contact Phone Number Contact Email	
C. EXPLANATION To the extent you believe additional explanation is required to ensure that you are communicating full and accurate information, you may provide narrative to further rebut this challenge. You may consider uploading evidence to substantiate your claims as an attachment to this Affirmation. An Affirmation submitted without sufficient and probative evidence may be inadequate to overcome a challenge.	
D. AFFIRMATION By signing and submitting this form, the authorized representative attests that to the best of the authorized representatives knowledge and belief, the information submitted through this challenge form is true and accurate, and the form is signed under the pains and penalties of perjury. By typing your name, you are affixing your signature to this form and attesting to the accuracy of the information submitted herein.	
Authorized Signature:	
Title:	
Date:	

KIM REYNOLDS, GOVERNOR

ADAM GREGG, LT. GOVERNOR

10/3/2022

Windstream Corporation
Jason Tompkins
jason.tompkins@windstream.com
Sent via email only

To whom it may concern:

This is a letter of inquiry concerning your organization's prior reporting to the State of Iowa Office of the Chief Information Officer ("OCIO" or "Office") regarding the availability of Broadband service at certain address location(s). Our Office received a timely-filed Challenge Form challenging information reported on the Broadband Availability Map Version 5 ("V5") of the Statewide Broadband Availability Map ("Map"). The data reflected on V5 of the Map was either: (1) provided by you to the Office's contractor, Connected Nation, during the data collection window of November 1, 2021 through February 11, 2022; (2) gathered from other sources (such as FCC) that collected data from you; or (3) carried forward from prior reporting made to this Office by you under a previous Map version.

Map V5 identifies where Broadband service was offered or facilitated at speeds greater than 25/3 as of August 2, 2022. The Map also reflects a preliminary determination of 'likely eligible' or 'likely ineligible' based on speed, technology type, and previous incentives and is a prospective estimate of potential eligibility under various federal programs. The publication of the Map on August 2, 2022 triggered a formal 30-day challenge window during which time we received challenges citing or implicating your service. The challenge(s) we received claims that the data reflected on V5 of the Map is inaccurate. All timely-filed challenges can be found at <https://ocio.iowa.gov/broadband-availability-map-version-5-challenge-process>. **To resolve this matter, the Office requests that your organization provide information concerning your service at the affected address locations as further identified and described below by October 24, 2022 at 5:00 CDT.**

Map V5 is designed to facilitate decisions concerning future spending under federally-funded broadband programs. Because Map V5 does not use the tiered structure envisioned by Iowa Code chapter 8B and because future federally-funded grant opportunities made available by the Office in accordance with Map V5 will not conform to Iowa Code chapter 8B, the map challenge process outlined in Iowa Code section 8B.10 does not apply. Similarly, within 30 days after the Office's official publication of the Map, the Office permitted any person or party aggrieved or adversely affected by such determination to challenge the office's finding by submitting a challenge form along with all evidence or information supporting the challenge. The

proffered bases for challenge largely mirror those offered by the FCC in their Broadband Data Collection efforts.

V5 of the Map currently shows that service offered at a particular address location renders that address location either likely eligible or likely ineligible for future federal grant funding. As part of the above-outlined process, OCIO received a formal challenge and supporting evidence from one or more Iowa residents or Communications Service Provider(s), claiming that service your organization reports is insufficient to warrant the likely ineligible status of a particular address location.

At this time, the Office requests your assistance in making an accurate determination as to whether your organization in fact offers the speeds reported at each challenged address location as of August 2, 2022. To that end, the Office requests that you:

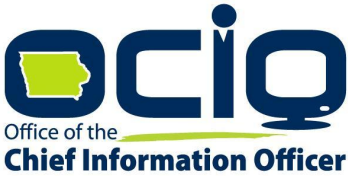
- 1) Complete and return the attached Challenge Notice Form (see Exhibit A, Affirmation tab), by **October 24, 2022 at 5:00 CDT**. Pursuant to this form, OCIO requests that a representative with legal authority to bind your organization:
 - a) Confirm that the speeds reported at the challenged address locations are correct as of August 2, 2022.
 - b) Fully complete all other aspects of the Form.
- 2) In addition to the form, please also submit any other evidence or information in your possession to the Office that supports your prior representations to the Office regarding the address locations identified in Exhibit A. Examples of evidence and information the Office would consider particularly probative include: Bills or invoices provided to or received by customers at the applicable address location which identify the specific download and upload speeds provided or received as of August 2, 2022.

Please return the completed form and supporting evidence or information to ociogrants@iowa.gov.

Please note that you are under no legal obligation to respond to this request for information. The Office permits any affected person or party to submit evidence or information to the Office in support of or in opposition to a challenge within 20 days after the challenge has been posted to ocio.iowa.gov/broadband. However, this Office is affirmatively reaching out to notify you of the challenge, of the circumstances surrounding the challenge, and to solicit your feedback and position. If this Office does not receive your response via Exhibit A of the Form by **October 24, 2022 at 5:00 CDT**, the Office will make a final decision based on the evidence and information currently available to it.

Sincerely,

Office of the Chief Information Officer
State of Iowa

<div></div>		<div>Broadband Map V5 Challenge Notice</div>	
<div>EXHIBIT A</div> <div>Affirmation of Service or Lack of Service at Address Locations</div> <div>Broadband Availability Map Challenge Process Version 5</div>			
<div>A. RESPONDENT INFORMATION</div>			
Company Name		Windstream Services, LLC	
Address		4001 North Rodney Parham Road	
City		Little Rock	
State		AR	
Zip		72212	
<div>B. DESIGNATED CONTACT INFORMATION</div>			
Contact Name		David Avery VP-Government Affairs	
Contact Phone Number		501-748-5876	
Contact Email		david.avery@windstream.com	
<div>C. EXPLANATION</div> <div>To the extent you believe additional explanation is required to ensure that you are communicating full and accurate information, you may provide narrative to further rebut this challenge. You may consider uploading evidence to substantiate your claims as an attachment to this Affirmation. An Affirmation submitted without sufficient and probative evidence may be inadequate to overcome a challenge.</div> <div>Windstream response provided on affirmation tab of this workbook.</div>			
<div>D. AFFIRMATION</div> <div>By signing and submitting this form, the authorized representative attests that to the best of the authorized representatives knowledge and belief, the information submitted through this challenge form is true and accurate, and the form is signed under the pains and penalties of perjury. By typing your name, you are affixing your signature to this form and attesting to the accuracy of the information submitted herein.</div>			
Authorized Signature:		Brad Hedrick	
Title:		President - State Operations	
Date:		11/29/2022	

Challenger Docket Nos.	IA Location ID	Street Address	City	State	ZIP Code	Technology Type	Download Speed	Upload Speed	Evidence page number
056C	1448853	1088 GUILD DRIVE	FAIRFIELD	IA	52556	DSL	12	2	
056C	53929	1093 GRANVILLE AVENUE	FAIRFIELD	IA	52556	DSL	12	2	
056C	444102	1097 GRANVILLE AVENUE	FAIRFIELD	IA	52556	DSL	12	2	
056C	994558	1101 GRANVILLE AVENUE	FAIRFIELD	IA	52556	DSL	12	2	
056C	372407	1113 GRANVILLE AVENUE	FAIRFIELD	IA	52556	DSL	12	2	
056C	157484	1194 GUILD DRIVE	FAIRFIELD	IA	52556	DSL	12	2	
056C	449366	808 NORTH 4TH STREET	FAIRFIELD	IA	52556	DSL	27	2	
067R	339910	1274 JACKSON AVENUE	HAZLETON	IA	50641	DSL	82	10	
051P	1011624	11743 ROUTE J40	MILTON	IA	52570	DSL	18	2	
051P	461600	12063 ROUTE J40	MILTON	IA	52570	DSL	27	2	
051P	109684	12487 ROUTE J40	MILTON	IA	52570	DSL	184	69	
051P	154221	12862 ROUTE J40	MILTON	IA	52570	DSL	307	83	
051P	662577	12995 210TH STREET	MILTON	IA	52570	DSL	27	2	
051P	641750	13040 210TH STREET	MILTON	IA	52570	DSL	24	2	
051P	264859	13077 ROUTE J40	MILTON	IA	52570	DSL	152	52	
051P	140397	13134 ROUTE J40	MILTON	IA	52570	DSL	152	52	
051P	922742	13141 210TH STREET	MILTON	IA	52570	DSL	19	2	
051P	997906	13222 210TH STREET	MILTON	IA	52570	DSL	19	2	
051P	1129601	13259 230TH STREET	MILTON	IA	52570	DSL	5	1	
051P	379389	13447 ROUTE J40	MILTON	IA	52570	DSL	152	52	
051P	230152	13607 230TH STREET	MILTON	IA	52570	DSL	2	1	
051P	1138268	13675 ROUTE J40	MILTON	IA	52570	DSL	31	2	
051P	384551	13875 235TH STREET	MILTON	IA	52570	DSL	2	1	
051P	1322573	14035 ROUTE J40	MILTON	IA	52570	DSL	19	2	
051P	1130191	14212 ROUTE J40	MILTON	IA	52570	DSL	18	2	
051P	1454695	14322 ROUTE J40	MILTON	IA	52570	DSL	18	2	
051P	725162	14489 ROUTE J40	MILTON	IA	52570	DSL	15	2	
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051P	1163181	14678 ROUTE J40	MILTON	IA	52570	DSL	12	2	
051P	1036914	14682 ROUTE J40	MILTON	IA	52570	DSL	12	2	
051P	1382217	14832 ROUTE J40	MILTON	IA	52570	DSL	5	1	
051P	617911	20329 CLOVER ROAD	MILTON	IA	52570	DSL	5	1	
051P	1447385	20423 CLOVER ROAD	MILTON	IA	52570	DSL	5	1	
051P	1236800	21193 CLOVER ROAD	MILTON	IA	52570	DSL	47	2	
051P	1416670	21226 CLOVER ROAD	MILTON	IA	52570	DSL	52	3	
051P	195489	21261 CLOVER ROAD	MILTON	IA	52570	DSL	47	2	
051P	1077995	21268 CLOVER ROAD	MILTON	IA	52570	DSL	47	2	
051P	764922	21361 CLOVER ROAD	MILTON	IA	52570	DSL	73	12	
051P	537700	21440 CLOVER ROAD	MILTON	IA	52570	DSL	52	3	
051P	1390394	21813 CLOVER ROAD	MILTON	IA	52570	DSL	252	83	
216R	1261254	301 EAST OLD MAIN STREET	MILTON	IA	52570	DSL	111	32	
062R	1210161	3399 245TH STREET	LINDEN	IA	50146	DSL	109	10	
241R	122	2462 HIGHWAY 14	COLUMBIA	IA	50057	DSL	12	2	
198R	1113039	121 EAST SOUTH STREET	OLLIE	IA	52576	DSL	96	23	
182R	69023	10408 NORTHEAST 120TH	MINGO	IA	50168	DSL	24	2	
300R	577103	1431 PLUM CREEK ROAD	TABOR	IA	51653	DSL	5	1	
007P	1018034	100 2ND AVENUE	BAYARD	IA	50029	DSL	184	52	
100R	272555	207 3RD STREET	VINING	IA	52348	DSL	86	17	
097R	845653	405 2ND AVENUE	VINING	IA	52402	DSL	73	12	
385R	483493	2149 FRANKLIN ROAD	DONNELLSON	IA	52625	DSL	12	2	
384R	713823	2167 FRANKLIN ROAD	DONNELLSON	IA	52625	DSL	18	2	
327R	20435	1300 3RD STREET	DURANT	IA	52747	DSL	73	12	
019P	638313	111 MAIN STREET	DELMAR	IA	52037	DSL	73	12	
019P	944395	112 MAIN STREET	DELMAR	IA	52037	DSL	73	12	
019P	220227	113 MAIN STREET	DELMAR	IA	52037	DSL	73	12	
162R,161R	147015	1716 260TH AVENUE	DELMAR	IA	52037	DSL	55	5	
154R	1365501	1914 CREEK VIEW DRIVE	MT PLEASANT	IA	52641	DSL	2	1	
051P	1036746	10940 MONROE-WAPELLLO	ALBIA	IA	52531	DSL	109	10	
051P	909370	11160 MONROE-WAPELLLO	ALBIA	IA	52531	DSL	109	10	
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051P	84489	1710 695TH AVENUE	ALBIA	IA	52531	DSL	47	2	
051P	1026534	1720 730TH AVENUE	ALBIA	IA	52531	DSL	82	10	
051P	231104	1770 695TH AVENUE	ALBIA	IA	52531	DSL	19	2	
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051P	1397065	2204 682ND AVENUE	ALBIA	IA	52531	No Service	0	0	

Challenger Docket Nos.	IA Location ID	Street Address	City	State	ZIP Code	Technology Type	Download Speed	Upload Speed	Evidence page number
051P	1080888	2295 692ND AVENUE	ALBIA	IA	52531	No Service	0	0	
051P	511344	2420 645TH AVENUE	ALBIA	IA	52531	No Service	0	0	
051P	139349	2442 645TH AVENUE	ALBIA	IA	52531	No Service	0	0	
051P	229543	2458 645TH AVENUE	ALBIA	IA	52531	No Service	0	0	
051P	1427986	2461 655TH AVENUE	ALBIA	IA	52531	No Service	0	0	
051P	274334	2468 645TH AVENUE	ALBIA	IA	52531	DSL	82	10	
051P	414715	2469 655TH AVENUE	ALBIA	IA	52531	DSL	55	5	
051P	84254	2538 645TH AVENUE	ALBIA	IA	52531	DSL	109	10	
051P	37831	2539 655TH AVENUE	ALBIA	IA	52531	DSL	82	10	
051P	634180	2541 655TH AVENUE	ALBIA	IA	52531	DSL	109	10	
051P	55816	2570 645TH AVENUE	ALBIA	IA	52531	DSL	109	10	
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051P	134184	6501 260TH STREET	ALBIA	IA	52531	DSL	109	10	
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051P	410929	6815 235TH STREET	ALBIA	IA	52531	No Service	0	0	
051P	1330447	6880 219TH TRAIL	ALBIA	IA	52531	No Service	0	0	
051P	848817	6897 235TH STREET	ALBIA	IA	52531	No Service	0	0	
051P	905094	6902 219TH TRAIL	ALBIA	IA	52531	No Service	0	0	
051P	1286570	7015 189TH STREET	ALBIA	IA	52531	No Service	0	0	
051P	1259491	7049 189TH STREET	ALBIA	IA	52531	No Service	0	0	
051P	695003	7064 172ND PLACE	ALBIA	IA	52531	DSL	18	2	
051P	391193	7079 189TH STREET	ALBIA	IA	52531	No Service	0	0	
051P	1405866	7084 184TH LANE	ALBIA	IA	52531	No Service	0	0	
051P	667074	7087 189TH STREET	ALBIA	IA	52531	No Service	0	0	
051P	416887	7105 184TH LANE	ALBIA	IA	52531	No Service	0	0	
051P	276895	7111 189TH STREET	ALBIA	IA	52531	No Service	0	0	
051P	1249360	7141 165TH STREET	ALBIA	IA	52531	DSL	18	2	
051P	502633	7313 189TH STREET	ALBIA	IA	52531	DSL	55	5	
051P	624962	7336 168TH STREET	ALBIA	IA	52531	DSL	109	10	
051P	1447328	7368 168TH STREET	ALBIA	IA	52531	DSL	109	10	
051P	430898	7377 189TH STREET	ALBIA	IA	52531	DSL	109	10	
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051P	216681	2776 DOUDS ROAD		IA	52567	DSL	2	1	
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051P	471850	7351 189TH STREET		IA		DSL	109	10	
042C	376202	19710 333RD AVENUE	DYERSVILLE	IA	52040	DSL	5	1	
042C	51353	19720 333RD AVENUE	DYERSVILLE	IA	52040	DSL	5	1	
042C	903634	19830 333RD AVENUE	DYERSVILLE	IA	52040	DSL	5	1	
042C	413608	19910 333RD AVENUE	DYERSVILLE	IA	52040	DSL	5	1	
042C	1299807	19962 333RD AVENUE	DYERSVILLE	IA	52040	DSL	5	1	
042C	1140508	33224 XENA ROAD	DYERSVILLE	IA	52040	DSL	5	1	
042C	1096507	33266 XENA ROAD	DYERSVILLE	IA	52040	DSL	5	1	
042C	20881	3354 197TH STREET	DYERSVILLE	IA		DSL	82	10	
051P	744121	10413 COMPETINE ROAD	BATAVIA	IA	52533	DSL	86	17	
051P	1095066	2572 ASH AVENUE	BATAVIA	IA	52533	No Service	0	0	
051P	297749	2602 BLADENSBURG ROAD	BATAVIA	IA	52533	DSL	18	2	
051P	1347193	3506 BLADENSBURG ROAD	BATAVIA	IA	52533	DSL	73	12	
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051P	252626	10535 240TH AVENUE	BLAKESBURG	IA	52536	No Service	0	0	
051P	773429	10973 240TH AVENUE	BLAKESBURG	IA	52536	No Service	0	0	
051P	203311	11352 235TH AVENUE	BLAKESBURG	IA	52536	No Service	0	0	
051P	284122	11557 MONROE-WAPELLO	BLAKESBURG	IA	52536	DSL	109	10	
051P	1285260	2325 715TH AVENUE	BLAKESBURG	IA	52536	DSL	5	1	
051P	1419754	23641 87TH STREET	BLAKESBURG	IA	52536	DSL	109	10	
051P	231552	23763 87TH STREET	BLAKESBURG	IA	52536	DSL	29	2	
051P	943865	23776 WHISKEY RIDGE	BLAKESBURG	IA	52536	DSL	29	2	
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051P	1083410	23981 87TH STREET	BLAKESBURG	IA	52536	No Service	0	0	
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051P	1032544	24008 115TH STREET	BLAKESBURG	IA	52536	DSL	55	5	
051P	297202	2402 710TH AVENUE	BLAKESBURG	IA	52536	DSL	2	1	
051P	665496	24031 87TH STREET	BLAKESBURG	IA	52536	No Service	0	0	
051P	691059	24084 WHISKEY RIDGE	BLAKESBURG	IA	52536	DSL	109	10	
051P	93733	24227 87TH STREET	BLAKESBURG	IA	52536	DSL	82	10	
051P	259300	24332 WHISKEY RIDGE	BLAKESBURG	IA	52536	DSL	109	10	

Challenger Docket Nos.	IA Location ID	Street Address	City	State	ZIP Code	Technology Type	Download Speed	Upload Speed	Evidence page number
051P	1154997	24502 WHISKEY RIDGE	BLAKESBURG	IA	52536	No Service	0	0	
051P	201452	24544 WHISKEY RIDGE	BLAKESBURG	IA	52536	No Service	0	0	
051P	231686	24563 87TH STREET	BLAKESBURG	IA	52536	DSL	29	2	
051P	953328	24675 87TH STREET	BLAKESBURG	IA	52536	No Service	0	0	
051P	1381718	24897 87TH STREET	BLAKESBURG	IA	52536	DSL	82	10	
051P	518639	24935 87TH STREET	BLAKESBURG	IA	52536	DSL	55	5	
051P	1111389	7102 255TH STREET	BLAKESBURG	IA	52536	No Service	0	0	
051P	995313	7114 235TH STREET	BLAKESBURG	IA	52536	DSL	2	1	
051P	305683	7130 235TH STREET	BLAKESBURG	IA	52536	DSL	5	1	
051P	722250	7147 235TH STREET	BLAKESBURG	IA	52536	DSL	5	1	
051P	777209	7191 255TH STREET	BLAKESBURG	IA	52536	No Service	0	0	
051P	633732	7197 235TH STREET	BLAKESBURG	IA	52536	DSL	5	1	
051P	718939	7204 235TH STREET	BLAKESBURG	IA	52536	DSL	5	1	
051P	977597	7223 235TH STREET	BLAKESBURG	IA	52536	DSL	5	1	
051P	821472	7236 235TH STREET	BLAKESBURG	IA	52536	DSL	12	2	
051P	429080	7249 235TH STREET	BLAKESBURG	IA	52536	DSL	12	2	
051P	891365	7363 235TH STREET	BLAKESBURG	IA	52536	DSL	47	3	
275R	129857	1418 150TH STREET	CRESTON	IA	50801	DSL	12	2	
199R	508126	3879 KIRKWOOD STREET	SAINT CHARLES	IA	50240	DSL	27	2	
051P	244922	12417 EAGLE DRIVE	SELMA	IA	52588	DSL	47	2	
051P	98646	12453 EAGLE DRIVE	SELMA	IA	52588	DSL	31	2	
051P	1039134	12607 EAGLE DRIVE	SELMA	IA	52588	DSL	31	2	
051P	1471972	12732 ACORN AVENUE	SELMA	IA	52588	DSL	31	2	
051P	278233	13612 ACORN AVENUE	SELMA	IA	52588	DSL	5	1	
051P	1110880	14130 ACORN AVENUE	SELMA	IA	52588	No Service	0	0	
117R	633259	25844 GOLDEN OAK LANE	LONE TREE	IA	52755	DSL	31	2	
238R	627450	405 JACKI DRIVE	LONE TREE	IA	52755	DSL	27	2	
051P	1399909	1027 260TH STREET	ELDON	IA	52533	DSL	2	1	
051P	1261331	2130 IOWA HIGHWAY 16	ELDON	IA	52554	DSL	19	2	
051P	665400	2494 45TH STREET	ELDON	IA	52554	DSL	19	2	
051P	1227616	2589 JEFFERSON WAPELLO	ELDON	IA	52533	DSL	2	1	
051P	571984	2894 WASHINGTON ROAD	ELDON	IA	52554	DSL	12	2	
051P	1251783	2953 IOWA HIGHWAY 918	ELDON	IA	52554	DSL	24	2	
051P	302143	2962 45TH STREET	ELDON	IA	52554	DSL	73	12	
051P	648270	3148 CHIEF WAPELLO ROAD	ELDON	IA	52554	DSL	15	2	
051P	1225049	3223 42ND AVENUE	ELDON	IA	52554	DSL	15	2	
051P	1027729	3230 IOWA HIGHWAY 16	ELDON	IA	52554	DSL	47	2	
051P	151378	3414 WASHINGTON ROAD	ELDON	IA	52554	DSL	5	1	
051P	1387303	3474 CHIEF WAPELLO ROAD	ELDON	IA	52554	DSL	12	2	
051P	551495	3481 42ND AVENUE	ELDON	IA	52554	DSL	15	2	
051P	685672	3530 IOWA HIGHWAY 16	ELDON	IA	52554	DSL	86	17	
051P	625665	3655 42ND AVENUE	ELDON	IA	52554	No Service	0	0	
051P	1418665	3773 28TH STREET	ELDON	IA	52554	DSL	27	2	
051P	865718	3796 WASHINGTON ROAD	ELDON	IA	52554	DSL	5	1	
051P	1312390	3880 IOWA HIGHWAY 16	ELDON	IA	52554	DSL	73	12	
051P	708382	3913 42ND AVENUE	ELDON	IA	52554	No Service	0	0	
051P	1432100	3946 IOWA HIGHWAY 16	ELDON	IA	52554	DSL	111	32	
051P	991373	3997 28TH STREET	ELDON	IA	52554	DSL	24	2	
051P	555969	4053 28TH STREET	ELDON	IA	52554	DSL	24	2	
051P	660312	4143 IOWA HIGHWAY 16	ELDON	IA	52554	DSL	184	52	
051P	1342925	4216 IOWA HIGHWAY 16	ELDON	IA	52554	DSL	184	52	
051P	85225	4220 WASHINGTON ROAD	ELDON	IA	52554	DSL	15	2	
051P	1198983	4290 IOWA HIGHWAY 16	ELDON	IA	52554	DSL	209	52	
051P	1061327	4482 IOWA HIGHWAY 16	ELDON	IA	52554	DSL	96	23	
051P	905236	4562 35TH AVENUE	ELDON	IA	52554	DSL	184	52	
051P	314450	471 13TH STREET	ELDON	IA	52554	DSL	24	2	
051P	917490	475 13TH STREET	ELDON	IA	52554	DSL	24	2	
051P	455592	5187 IOWA HIGHWAY 16	ELDON	IA	52554	DSL	19	2	
051P	463186	5324 35TH AVENUE	ELDON	IA	52554	DSL	31	2	
063R	214821	431 ARMORY AVENUE	CHARITON	IA	50049	DSL	47	2	
252R	906197	22880 277TH AVENUE	LECLAIRE	IA	52753	DSL	19	2	
041P	1158605	13687 288TH AVENUE	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	354920	13768 280TH AVENUE	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	1299591	13969 288TH AVENUE	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	1103575	14851 290TH AVENUE	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	548853	15348 290TH AVENUE	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	1355583	15657 290TH AVENUE	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	609505	15664 280TH AVENUE	SOUTH ENGLISH	IA	52335	No Service	0	0	

Challenger Docket Nos.	IA Location ID	Street Address	City	State	ZIP Code	Technology Type	Download Speed	Upload Speed	Evidence page number
041P	894954	15780 290TH AVENUE	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	1281466	27499 150TH STREET	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	119214	28172 170TH STREET	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	870105	28364 HIGHWAY 22	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	10376	29941 160TH STREET	SOUTH ENGLISH	IA	52335	No Service	0	0	
041P	348896	14418 312TH AVENUE	KEOTA	IA	52248	No Service	0	0	
112R	502624	10622 NORTHEAST 134TH	MAXWELL	IA	50161	DSL	29	2	
239R	1068511	10533 Q AVENUE	MAYNARD	IA	50655	DSL	5	1	
051P	16562	10523 50TH AVENUE	OTTUMWA	IA	52501	DSL	15	2	
094R	1277738	10863 WAPELLO-KEOKUK	OTTUMWA	IA	52501	DSL	82	10	
051P	1060245	3603 BLADENSBURG ROAD	OTTUMWA	IA	52501	DSL	96	23	
051P	1032603	3703 BLADENSBURG ROAD	OTTUMWA	IA	52501	DSL	123	52	
051P	1087516	4485 BLADENSBURG ROAD	OTTUMWA	IA	52501	DSL	86	17	
051P	816755	4941 100TH STREET	OTTUMWA	IA	52501	DSL	12	2	
051P	450317	4966 BLADENSBURG ROAD	OTTUMWA	IA	52501	DSL	24	2	
246R	1465612	6493 CEMETERY ROAD	OTTUMWA	IA	52501	DSL	19	2	
165R	1366480	229 CEDAR PARK ROAD	MOUNT VERNON	IA	52314	DSL	55	5	
051P	726158	2603 710TH AVENUE	MORAVIA	IA	52571	No Service	0	0	
051P	356572	2624 690TH AVENUE	MORAVIA	IA	52571	DSL	111	32	
051P	194088	2709 710TH AVENUE	MORAVIA	IA	52571	No Service	0	0	
051P	47658	2773 710TH AVENUE	MORAVIA	IA	52571	No Service	0	0	
051P	298986	6948 264TH STREET	MORAVIA	IA	52571	DSL	123	52	
051P	1146307	7041 264TH STREET	MORAVIA	IA	52571	No Service	0	0	
051P	1077120	7053 264TH STREET	MORAVIA	IA	52571	No Service	0	0	
051P	529459	7054 264TH STREET	MORAVIA	IA	52571	No Service	0	0	
073R	1049146	22192 179TH AVENUE	MANCHESTER	IA	52057	DSL	12	2	
262R	1481570	215 WEST WILLOW	CLARINDA	IA	51632	Fiber	1000	1000	
284R	1482426	3079 220TH	CLARINDA	IA	51632	DSL	109	10	
313R	1483306	623 SUNSET	CLARINDA	IA	51632	Fiber	1000	1000	
267R	1478984	706 WEST MAIN	CLARINDA	IA	51632	Fiber	1000	1000	
351R,352R	609714	1050 VULCAN AVENUE	OLON	IA	52333	DSL	15	2	
361R,101R,	539664	1940 SAINT BRIDGETS ROAD	OLON	IA	52333	DSL	55	5	
253R	1116445	4588 SUTLIFF ROAD	OLON	IA	52333	DSL	55	5	
174R	259369	118 NORTH COLUMBIA	GRANDVIEW	IA	52752	DSL	184	52	
051P	94015	11153 145TH STREET	DOUDS	IA	52551	No Service	0	0	
051P	706520	11752 205TH ROAD	DOUDS	IA	52551	DSL	5	1	
051P	116201	12676 172ND STREET	DOUDS	IA	52551	DSL	86	17	
051P	1120057	12715 EAGLE DRIVE	DOUDS	IA	52551	DSL	111	32	
051P	1013784	12833 185TH ROAD	DOUDS	IA	52551	DSL	123	52	
051P	247142	12947 EAGLE DRIVE	DOUDS	IA	52551	DSL	184	52	
051P	531515	12997 185TH ROAD	DOUDS	IA	52551	DSL	209	52	
051P	1208889	13036 EAGLE DRIVE	DOUDS	IA	52551	DSL	209	52	
051P	1415423	13091 EAGLE DRIVE	DOUDS	IA	52551	DSL	184	52	
051P	1404205	13225 185TH ROAD	DOUDS	IA	52551	DSL	123	52	
051P	968493	13323 172ND STREET	DOUDS	IA	52551	DSL	184	52	
051P	1138364	13461 BETHEL ROCK	DOUDS	IA	52551	DSL	96	23	
051P	980922	13487 172ND STREET	DOUDS	IA	52551	DSL	123	52	
051P	394276	13488 172ND STREET	DOUDS	IA	52551	DSL	123	52	
051P	863366	13658 200TH ROAD	DOUDS	IA	52551	No Service	0	0	
051P	71814	13747 BETHEL ROCK	DOUDS	IA	52551	DSL	47	3	
051P	949124	13803 185TH ROAD	DOUDS	IA	52551	DSL	2	1	
051P	10514	13850 160TH STREET	DOUDS	IA	52551	DSL	12	2	
051P	806530	13857 172ND STREET	DOUDS	IA	52551	DSL	73	12	
051P	900119	13858 200TH ROAD	DOUDS	IA	52551	No Service	0	0	
051P	1095781	13879 160TH STREET	DOUDS	IA	52551	DSL	12	2	
051P	104761	13983 172ND STREET	DOUDS	IA	52551	DSL	47	3	
051P	296773	13989 185TH ROAD	DOUDS	IA	52551	DSL	2	1	
051P	877700	13997 BETHEL ROCK	DOUDS	IA	52551	DSL	31	2	
051P	163468	14038 160TH STREET	DOUDS	IA	52551	DSL	12	2	
051P	145105	14212 205TH ROAD	DOUDS	IA	52551	No Service	0	0	
051P	591676	14466 172ND STREET	DOUDS	IA	52551	DSL	19	2	
051P	486332	14723 110TH STREET	DOUDS	IA	52551	No Service	0	0	
051P	456400	14727 110TH STREET	DOUDS	IA	52551	No Service	0	0	
051P	508423	14771 110TH STREET	DOUDS	IA	52551	No Service	0	0	
051P	882413	15091 110TH STREET	DOUDS	IA	52551	No Service	0	0	
051P	124586	16083 ROUTE V64	DOUDS	IA	52551	DSL	15	2	
051P	1062290	16158 DEWBERRY AVENUE	DOUDS	IA	52551	DSL	31	2	
051P	687940	16308 DEWBERRY AVENUE	DOUDS	IA	52551	DSL	31	2	

Challenger Docket Nos.	IA Location ID	Street Address	City	State	ZIP Code	Technology Type	Download Speed	Upload Speed	Evidence page number
051P	74876	16525 ROUTE V64	DOUDS	IA	52551	DSL	5	1	
051P	128025	16543 ROUTE V64	DOUDS	IA	52551	DSL	5	1	
051P	183911	16655 ROUTE V64	DOUDS	IA	52551	DSL	12	2	
051P	1239464	16701 ROUTE V64	DOUDS	IA	52551	DSL	5	1	
051P	466459	16873 ROUTE V64	DOUDS	IA	52551	DSL	12	2	
051P	883859	17899 ROUTE V64	DOUDS	IA	52551	DSL	5	1	
051P	768207	17931 ROUTE V64	DOUDS	IA	52551	DSL	12	2	
051P	1362159	18081 ROUTE V64	DOUDS	IA	52551	DSL	12	2	
051P	1220266	18411 ROUTE V64	DOUDS	IA	52551	DSL	5	1	
348R	1486425	15498 200TH ST	ELMA	IA	50628	DSL	47	3	
051P	180886	20853 ROUTE V64	KEOSAUQUA	IA	52565	No Service	0	0	
286R	1195586	1045 210TH PLACE	PELLA	IA	50219	DSL	2	1	
344R	312869	1185 164TH DRIVE	PELLA	IA	50219	DSL	109	10	
332R	742339	157 HOLLAND DRIVE	PELLA	IA	50219	DSL	96	23	
362R	1460398	1644 BRIAR LANE	PELLA	IA	50219	DSL	82	10	
229R	1277303	753 182ND AVENUE	PELLA	IA	50219	DSL	27	2	
251R	1364349	758 187TH PLACE	PELLA	IA	50219	DSL	19	2	
124R,172R	1350368	761 187TH PLACE	PELLA	IA	50219	DSL	18	2	
130R	1118727	762 187TH PLACE	PELLA	IA	50219	DSL	19	2	
146R	319285	778 185TH PLACE	PELLA	IA	50219	DSL	47	2	
116R	46728	787 183RD PLACE	PELLA	IA	50219	DSL	47	3	
152R	1159412	789 183RD PLACE	PELLA	IA	50219	DSL	47	3	
177R	199031	814 EAST 2ND STREET	PELLA	IA	50219	DSL	86	17	
093R	922302	14951 NORTHWEST	MADRID	IA	50156	DSL	109	10	
224R	1391649	2497 KELP AVENUE	FAIRFIELD	IA	52556	No Service	0	0	
223R	210495	2517 KELP AVENUE	FAIRFIELD	IA	52556	No Service	0	0	
233R	201321	1409 WEST JACKSON	KNOXVILLE	IA	50138	DSL	5	1	
086R	1166324	1414 DEER RUN DRIVE	KNOXVILLE	IA	50138	DSL	27	2	
032P	267012	17351 COUNTY ROAD G44X	LETTS	IA	52754	DSL	152	52	
032P	440767	17398 COUNTY ROAD G44X	LETTS	IA	52754	DSL	152	52	
051P	306841	15008 105TH ROAD	LIBERTYVILLE	IA	52567	No Service	0	0	
051P	1442513	15432 105TH ROAD	LIBERTYVILLE	IA	52567	No Service	0	0	
051P	738629	1544 270TH STREET	LIBERTYVILLE	IA	52567	DSL	2	1	
051P	30321	1567 270TH STREET	LIBERTYVILLE	IA	52567	DSL	2	1	
051P	1163373	1680 250TH STREET	LIBERTYVILLE	IA	52556	DSL	12	2	
051P	513665	2643 FIR AVENUE	LIBERTYVILLE	IA	52567	No Service	0	0	
051P	230171	2672 DOUDS ROAD	LIBERTYVILLE	IA	52567	DSL	5	1	
051P	64476	2680 DOUDS ROAD	LIBERTYVILLE	IA	52567	DSL	2	1	
051P	779444	2715 EASTWOOD AVENUE	LIBERTYVILLE	IA	52567	No Service	0	0	
051P	869191	2751 EASTWOOD AVENUE	LIBERTYVILLE	IA	52567	No Service	0	0	
272R	951568	204 GREENE STREET	WALKER	IA	52352	DSL	184	52	
064R	49993	3485 WALKER ROAD	WALKER	IA	52352	DSL	12	2	
071R	292236	23268 STATE HIGHWAY 92	COLUMBUS	IA	52738	DSL	31	2	
178R	283811	2591 P AVENUE	WILLIAMSBURG	IA	52361	DSL	82	10	
287R	696645	2707 N AVENUE	WILLIAMSBURG	IA	52361	DSL	109	10	
290R	1037849	13556 130TH STREET	WAPELLO	IA	52653	DSL	55	5	
051P	1245155	6420 CEMETERY ROAD	AGENCY	IA	52530	DSL	18	2	
051P	15645	6468 CEMETERY ROAD	AGENCY	IA	52530	DSL	19	2	
051P	1220246	6884 CEMETERY ROAD	AGENCY	IA	52530	DSL	27	2	
051P	61827	6953 CAMP ARROWHEAD	AGENCY	IA	52530	DSL	5	1	
051P	1317045	6962 CEMETERY ROAD	AGENCY	IA	52530	DSL	47	3	
051P	209492	7008 CEMETERY ROAD	AGENCY	IA	52530	DSL	47	3	
051P	906140	8255 FOX HILLS ROAD	AGENCY	IA	52530	DSL	18	2	
051P	1159497	8461 FOX HILLS ROAD	AGENCY	IA	52530	DSL	12	2	
051P	626119	8469 FOX HILLS ROAD	AGENCY	IA	52530	DSL	12	2	
051P	565045	8583 FOX HILLS ROAD	AGENCY	IA	52530	DSL	12	2	
051P	115101	8711 FOX HILLS ROAD	AGENCY	IA	52530	DSL	12	2	
051P	1465091	8723 FOX HILLS ROAD	AGENCY	IA	52530	DSL	5	1	
051P	64303	8731 FOX HILLS ROAD	AGENCY	IA	52530	DSL	5	1	
051P	1212338	8755 FOX HILLS ROAD	AGENCY	IA	52530	DSL	5	1	
051P	658643	8991 FOX HILLS ROAD	AGENCY	IA	52530	DSL	5	1	
051P	707249	9015 FOX HILLS ROAD	AGENCY	IA	52530	DSL	5	1	

1. Define what method you are using to reach speeds higher than typically available through DSL as described in the map data:
 - a. Do you deploy remote DSLAMs with fiber feeds? Windstream Response: Yes. Fiber Fed DSLAMs are deployed throughout our network. If not, what is the average distance from a customer to the DSLAM on copper? Not Applicable
 - b. Do you bond copper pairs? Windstream Response: Yes, we do bond copper pairs in providing service.
 - c. How are you overcoming the distance limitations in your vendor's DSL technology?
 - Windstream is not overcoming the distance limitations of its vendor's DSL technology. However, we work to optimize the available technologies for optimum speeds for end users. Currently, Windstream deploys VDSL2 technology in many areas throughout IA. This technology, combined with bonding pairs and vectoring, allows theoretical download speeds greater than 300Mbps. Windstream limits our current product offering to a maximum of 300Mbps via copper to provide the highest chance of supporting the speeds.
2. Provide the formula or calculation used to calculate the provided speed. – Based on vendor and Windstream lab testing, we have created a Rate vs. Reach table, which is used as part of our qualification tool, to determine the likely speed that the end user should be able to obtain based on the technology deployed and the copper distance from the DSLAM to their location.
3. Indicate the technology type at the address location. If the technology type is in fact DSL, indicate which **type of DSL** you are providing. Included on Spreadsheet in the Technology Type Column
4. Confirm that the speeds indicated on Broadband Map v5 for said locations are correct, and that Windstream can facilitate speeds consistent with the map data for that location using the specified DSL technology type indicated in the Notice Form. In the alternative, enter the actual download and upload speeds able to be facilitated at that address location. We have listed the highest available speed tier for sale for the location.

Kinetic's Internal Qualification Process

Kinetic utilizes a process known as "UQUAL" in order to determine the maximum download and upload speed that a location should be capable of receiving from Kinetic broadband service. At its essence, the process identifies the latitude and longitude of a given location and uses those coordinates to determine the proximity of the location to existing Kinetic infrastructure. That proximity is then used to determine the maximum level of service that the location should be capable of receiving.

The exact mechanism in which UQUAL operates varies by technology type:

Fiber: When a fiber build is designed, Kinetic planning engineers create polygons encompassing all of the addresses that the build is intended to serve. Upon completion of the build, all locations within the polygon qualify for fiber services delivering a minimum of 1 Gbps symmetrical download and upload. UQUAL identifies whether or not the location falls within a completed polygon and assigns it the appropriate 1G qualification to the location if so.

Cable: UQUAL references the location's address against a specific list of addresses that fall within Kinetic's cable design areas and assigns a cable qualification if a match is found. These addresses are qualified for download speeds of 1 Gbps, although Kinetic cable service does not offer symmetrical download and upload speeds.

Copper/DSL: To determine qualification of a location via DSL service, UQUAL uses the location's coordinates to calculate the distance from the location along the available copper path to the nearest serving terminal. This distance is known as the loop length. Qualification is then calculated based upon what the serving device is capable of providing over that loop length.

Fixed Wireless: UQUAL plots the location onto a propagation map that indicates the coverage of Kinetic's fixed wireless network. If the location is determined to be within line of sight and serving range of a Kinetic tower, UQUAL translate the signal strength indicated by the propagation map into a qualification for the location.

It is possible that a location may qualify for service via multiple technology types. In this event, UQUAL will assign the technology type offering the greatest speed.

