

May 7, 2019

Mr. Daniel P. Wolf Executive Secretary Minnesota Public Utilities Commission 121 7<sup>th</sup> Place East, Suite 350 St. Paul, MN 55101

**RE:** Comments of the Minnesota Department of Commerce

Docket No. P999/M-19-20

Dear Mr. Wolf:

Attached are the comments of the Minnesota Department of Commerce (Department) in the following matter:

2018 Lifeline Recertification Results

The Department recommends that the Minnesota Public Utilities Commission (Commission) **accept** the 2018 Lifeline re-certification filings. The Department is available to answer any questions that the Commission may have.

Sincerely,

/s/ BRUCE L. LINSCHEID Financial Analyst

BLL/ja Attachment



# **Before the Minnesota Public Utilities Commission**

## **Comments of the Minnesota Department of Commerce**

Docket No. P999/M-19-20

### I. BACKGROUND

#### A. LIFELINE REFORM ORDER

On February 6, 2012, the Federal Communications Commission (FCC) released its Lifeline and Linkup Report and Order and Further Notice of Proposed Rulemaking, WC Docket Nos. 11-42, 03-109, 12-23 and CC Docket No. 96-45 (Lifeline Reform Order). The federal Lifeline program initially subsidized local telecommunications service, but the Lifeline Modernization Order (see I.C. below) extended Lifeline subsidies to broadband (internet) services provided to qualified low-income consumers by service providers designated as "eligible telecommunications carriers" (ETCs).¹ Lifeline subscribers qualify with a household income at or below 135 percent of the Federal Poverty Guidelines,² or receipt from at least one of a number of federal assistance programs.³ Lifeline provides a monthly discount of \$9.25,⁴ and an additional \$25.00 for Lifeline service from a facilities based provider to qualifying residents of Tribal lands.⁵ In addition, incumbent local exchange carriers (ILECs) do not apply the access recovery charge (ARC) to Lifeline customers.⁶ Link-Up provides a 100 percent reduction, up to \$100, off installation charges to qualifying residents of Tribal lands.<sup>7</sup>

<sup>&</sup>lt;sup>1</sup> Under the Federal Telecommunications Act of 1996, telecommunications carriers must be designated "eligible telecommunications carriers," or ETCs to qualify for subsidies from the federal Universal Service Fund (47 U.S.C. §254 (e)). Lifeline benefits were extended to broadband services as a result of Second Further Notice of Proposed Rulemaking, Order on Reconsideration, Second Report and Order, and Order and Memorandum Opinion and Order, (FCC 15-71) rel. June 22, 2015, para. 14; and 47 C.F.R. § 54.104(a).

<sup>&</sup>lt;sup>2</sup> 47 C.F.R. § 54.409(a) (1).

<sup>&</sup>lt;sup>3</sup> 47 C.F.R. § 54.409(a) (2).

<sup>&</sup>lt;sup>4</sup> 47 C.F.R. §54.403 (a) (1). Support levels for either stand-alone voice service or voice service not bundled with broadband subject to the minimum service standards set forth in §54.408 will decline to \$7.25 per month on December 1, 2019, to \$5.25 per month on December 1, 2020, and to zero on December 1, 2021 (54.403(a)(2)). The minimum services standard for fixed broadband speed is 10 Megabits per second and downstream/1 Megabit per second upstream, and a usage allowance of 50 gigabytes per month; and the minimum service standard for mobile broadband speed and data usage allowance for December 1, 2018 until November 30, 2019 is a speed of 3G and a data usage allowance of 2 gigabytes per month. The minimum service standard for mobile voice service on and after December 1, 2018 will be 1000 minutes (54.408(b) (1), (2), and (3).

<sup>5</sup> 47 C.F.R. §54.403 (a) (3).

<sup>&</sup>lt;sup>6</sup> Lifeline Reform Order, para. 852. Carriers may not charge an ARC on any Lifeline customer. For residential/single-line business customers the monthly ARC charge cannot exceed \$3.00 per line for residential/single-line business customers for a total of \$6.00 per line in the sixth year, provided that: (1) such increases would not result in regulated residential end-user rates that exceed the \$30 Residential Rate Ceiling . . . . <sup>7</sup> 47 C.F.R. §54.413 (a) (1).

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#### B. TELEPHONE ASSISTANCE PLAN

A complement to the federal Lifeline program is Minnesota's Telephone Assistance Plan (TAP), which is a required offering by local service providers that are certified by the Commission to provide local exchange service in Minnesota.<sup>8</sup> The TAP program currently provides a bill credit of \$3.50/month to low-income consumers that meet the eligibility criteria used by the Lifeline program.<sup>9</sup> Effective July 1, 2019, the monthly TAP credit increases to \$7.00 and the TAP surcharge increases from \$.03<sup>10</sup> to \$.10.<sup>11</sup>

The Lifeline program and its annual recertification process is integral and critical to Minnesota's Telephone Assistance Plan (TAP). Customers that enroll in Lifeline are now required by the Commission to be auto-enrolled in TAP if the customer subscribes to voice service. <sup>12</sup> Similarly, when a customer is de-enrolled from Lifeline the customer is also de-enrolled from TAP. Unlike the Lifeline program, customers of standalone broadband service are not eligible for the TAP credit. <sup>13</sup> ETCs are required to offer standalone voice service, <sup>14</sup> but unless the technology used to provide voice service is subject to the Commission's jurisdiction, voice service providers are not required to collect and remit TAP fees or provide the TAP credit to customers that are eligible for Lifeline service. <sup>15</sup>

Local telephone service providers, including incumbent local exchange carriers (ILECs) and competitive local exchange carriers (CLECs), must offer TAP in Minnesota. Local exchange carriers are defined as a telephone company or telecommunications carrier providing local exchange service. A radio common carrier, or an entity providing any mobile telecommunications service by means of radio signals and connection to a telephone network, does not receive a certificate of authority from the Commission and does not offer TAP. Fixed wireless providers are not mobile and the provision of local telephone service via fixed wireless technology does not meet the statutory definition of "radio common carrier."

<sup>&</sup>lt;sup>8</sup> Minn. Stat. §237.70, subd. 2.

<sup>&</sup>lt;sup>9</sup> Minn. Stat. § 237.10, subd. 4a.

<sup>&</sup>lt;sup>10</sup> Commission Order, Docket No. P999/CI-13-213, July 10, 2013, p. 5, Ordering Paragraph 1.

<sup>&</sup>lt;sup>11</sup> In the Matter of Telephone Assistance Plan Review, ORDER SETTING TAP CREDIT AMOUNT AND SURCHARGE LEVEL AND REQUIREING LOCAL SERVICE PROVIDERS TO INCLUDE TAP INFORMATION ON THEIR WEBSITES, Docket Nos. P-999/CI-17-677 and P-999/CI-18-112, January 15, 2019, Ordering Para. 6, p. 4.

<sup>&</sup>lt;sup>12</sup> ORDER CLARIFYING RELATIONSHIP BETWEEN LIFELINE AND TAP, AND MAINTAINING CURRENT TAP CREDIT AND SURCHARGE LEVELS, P-999/CI-16-302, October 11, 2016, p.6, Ordering Para. 1,

<sup>&</sup>lt;sup>13</sup> Minnesota Public Utilities Commission Order Clarifying Relationship between Lifeline and TAP, and Maintaining Current TAP Credit and Surcharge Levels, issued October 11, 2016 in Docket No. P-999/CI-16-302, Ordering Para. 2.

<sup>&</sup>lt;sup>14</sup> In Re: Connect America Fund..., 26 FCC Rcd. 17,663 (Nov 18, 2011)(the "USF Transformation Order") at  $\P$  80 and FN 117. (The FCC stated there: "With respect to "standalone service," we mean that consumers must not be required to purchase any other services (e.g., broadband) in order to purchase voice service. "

<sup>&</sup>lt;sup>15</sup> Order Denying Reconsideration, Docket No. P999CI-18-634, March 22, 2019.

<sup>&</sup>lt;sup>16</sup> Minn. R. 7812.0100, subp. 34.

<sup>&</sup>lt;sup>17</sup> Minn. Stat. §237.01, subd. 8.

<sup>&</sup>lt;sup>18</sup> Minn. Stat. §237.01 subds. 4 & 7.

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#### C. LIFELINE MODERNIZATION ORDER

On April 27, 2016, the FCC issued its Third Report and Order, Further Report and Order, and Order on Reconsideration (the Lifeline Modernization Order), <sup>19</sup> that included the following provisions:

- The Lifeline eligibility criteria were modified.<sup>20</sup>
- The revised recertification rule (47 CFR § 54.410(f)) states that if the subscriber's program-based or income-based eligibility for Lifeline cannot be determined by accessing one or more state databases . . ., then the National Verifier (NV), state Lifeline administrator, or state agency may obtain a signed certification from the subscriber . . ..<sup>21</sup> The two state programs that are Lifeline eligible are Medicaid and SNAP, which are both administered by the Minnesota Department of Human Services (DHS).<sup>22</sup>
- The NV shifts the responsibility for determining a subscriber's Lifeline eligibility from phone and internet service providers to the program's administrator, the Universal Service Administrative Company (USAC). The NV will establish whether a consumer is eligible by electronically querying state and federal data sources, and if necessary, manually reviewing supportive documents.<sup>23</sup> The NV is being deployed in batches of states:
  - 1) First launch- In June 2018, the NV has launched in the states of Colorado, Mississippi, Montana, New Mexico, Utah, and Wyoming.<sup>24</sup>
  - 2) Second launch- In October 2018, the NV was launched in Guam, Hawaii, Idaho, New Hampshire, North Dakota, and South Dakota.<sup>25</sup>

<sup>&</sup>lt;sup>19</sup> In the Matter of Lifeline and Link UP Reform and Modernization (WC Docket No. 11-42), Telecommunications Carriers Eligible for Universal Service Support (WC Docket No. 09-197), and Connect America Fund (WC Docket No. 10-90), **THIRD REPORT AND ORDER, FURTHER REPORT AND ORDER ON RECONSIDERATION,** Adopted March 31, 2016, Released April 27, 2016 (The Lifeline Modernization Order).

<sup>&</sup>lt;sup>20</sup> *Id.* 47 U.S.C. §54.409(a) and (b). Consumer's household income must be at or below 135% of the Federal Poverty Guidelines for a household of that size, or receive benefits from one of the following federal assistance programs: Medicaid, Supplemental Nutrition Assistance Program, Supplemental Security Income, Federal Public Housing Assistance, or Veterans and Survivors Pension Benefit. An eligible resident of Tribal lands meets the qualifications for Lifeline if the consumer's household participates in one of the following Tribal-specific federal assistance programs: Bureau of Indian Affairs general assistance, Tribally Administered Temporary Assistance for Needy Families; Head Start for households meeting its income qualifying standard, or the Food Distribution Program on Indian Reservations.

<sup>&</sup>lt;sup>21</sup> Op cit. FN 19, 47CFR § 54.4210(f)(2)(iii) and (3)(iii).

<sup>&</sup>lt;sup>22</sup> Lifeline, Verify Subscriber Eligibility, State Eligibility Verification Processes, Minnesota, USAC, <a href="https://www.usac.org/li/program-requirements/verify-eligibility/process-by-state.asp">https://www.usac.org/li/program-requirements/verify-eligibility/process-by-state.asp</a>.

<sup>&</sup>lt;sup>23</sup> Op cit. FN 19, 47CFR § 54.410(h), p. 178.

<sup>&</sup>lt;sup>24</sup> National Verifier Launches – National Verifier - Lifetime Program - USAC.org, Lifeline, National Verifier Launches, <a href="https://www.usac.org/li/tools/national-verifier/lauches/2018/une.aspx">https://www.usac.org/li/tools/national-verifier/lauches/2018/une.aspx</a>, April 29, 2019
<sup>25</sup> *Id.* 

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- 3) Third launch- In December 2018, the NV was launched in Missouri, North Carolina, Pennsylvania, or Tennessee. <sup>26</sup>
- 4) Fourth launch- In February 2019, the NV was soft launched in Alaska, American Samoa, District of Columbia, Maine, Northern Marianas Islands, Rhode Island, and the Virgin Islands.<sup>27</sup>
- 5) Fifth launch- On March 12, 2019, the NV was soft launched in Indiana, Kentucky and Michigan. 28

### D. COMMISSION ACTION

On June 14, 2012, the Commission issued its order in Docket No. P-999/M-12-194 in which it directed ETCs to implement the FCC's Lifeline certification and annual re-certification requirements described in the Lifeline Reform Order. Subsequent orders were issued in 2013, 2014, 2015, 2016 and 2017 in Docket Nos. 12-1315, 14-20, 15-20, 16-20, 17-20 and 18-20 to reflect the requirements of the Lifeline Reform and Modernization Orders, and they required ETCs to submit the results of their annual Lifeline re-certification efforts. ETCs submit the results of their re-certification efforts on FCC Form 555, and the Department reports the results of each year's survey.

### II. STATEMENT OF ISSUES

What actions, if any, should the Commission take with respect to the Lifeline re-certification filings submitted by ETCs for 2018?

### III. APPLICABLE LAW

47 C.F.R § 54.410 (d) and (f) ("Annual eligibility re-certification process")

(d) Eligibility certification form. Eligible telecommunications carriers and state Lifeline administrators or other state agencies that are responsible for the initial determination of a subscriber's eligibility for Lifeline must provide prospective subscribers Lifeline certification forms that provide the information in paragraphs (d) (1) through (3) of this section in clear, easily understood language. If a Federal eligibility certification form is available, entities enrolling subscribers must use such form to enroll a qualifying low-income consumer into the Lifeline program.

<sup>&</sup>lt;sup>26</sup> Id.

<sup>&</sup>lt;sup>27</sup> Id.

<sup>&</sup>lt;sup>28</sup> Id.

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- (f) Subpart (1) requires that all ETCs must annually re-certify all Lifeline subscribers 12 months after the subscriber's service initiation date and every 12 months thereafter, except for subscribers in states where the National Verifier, state Lifeline administrator, or other state agency is responsible for annual re-certification of subscribers' Lifeline eligibility.
- (f) Subpart (2) describes the methods by which an ETC must confirm a subscriber's eligibility to receive Lifeline benefits.
- (f) Subpart (5) provides that "if an eligible telecommunications carrier is unable to re-certify a subscriber . . . , the eligible telecommunications carrier must comply with the de-enrollment requirements provided for in § 54.405(e) (4)."

47 C.F.R. §54.405 (e) (4) ("De-enrollment for failure to re-certify") provides that:

[A]n eligible telecommunications carrier must de-enroll a Lifeline subscriber who does not respond to the carrier's attempts to obtain re-certification of the subscriber's continued eligibility as required by § 54.410(f); who fails to provide the annual one-perhousehold re-certifications as required by § 54.410(f).

# And requires that:

Prior to de-enrolling a subscriber under this paragraph, the eligible telecommunications carrier must notify the subscriber in writing separate from the subscriber's monthly bill, if one is provided using clear, easily understood language, that failure to respond to the recertification request within 60 days of the date of the request will trigger de-enrollment. If a subscriber does not respond to the carrier's notice of impending de-enrollment, the carrier must deenroll the subscriber from Lifeline within five business days after the expiration of the subscriber's time to respond to the recertification efforts.

47 C.F.R. §54.405 (e) (5) Service providers must de-enroll a subscriber who has requested deenrollment within two business days

47 C.F.R. §54.416(b) ("Annual certifications by eligible telecommunications carriers") requires that:

All eligible telecommunications carriers must annually provide the results of their re-certification efforts, performed pursuant to § 54.410(f), to the [Federal Communications] Commission and the Administrator. Eligible telecommunications carriers designated as such by one or more states pursuant to § 54.201 must also provide,

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on an annual basis, the results of their re-certification efforts to state commissions for subscribers residing in those states where the state designated the eligible telecommunications carrier. Eligible telecommunications carriers must also provide their annual re-certification results for subscribers residing on Tribal lands to the relevant Tribal governments.

#### IV. ANALYSIS

## A. Yearly comparison of re-certification data

The 2018 re-certification results were submitted by ETCs to comply with Paragraph 148 of the FCC's Lifeline Reform Order and Section 47 C.F.R. 54.416(b) of the FCC's Rules. The revised FCC Form 555 used to report re-certification results in 2017 was used again in 2018. On July 1, 2017, ETC service providers were required to recertify all subscribers on a rolling basis according to their anniversary dates, or every 12 months from the customers' service initiation dates. The results of the 2018 recertification effort and those of prior years are summarized below and taken from Attachment 1, page 7:

Subscribers to be Recertified	State Database Recertified	Direct Contact By ETC	Direct Contact De-enrolled	Third Party/ USAC Contacted	Third Party/ USAC De-enrolled	Total Subscribers De-enrolled	Percent of Subscribers De-enrolled
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Col. C	Col. D	Col. F	Col. G	Col. I	Col. K	Col. M	Col. O
		(% = d/a)		(% = f/e)		(% = g/a)	
				2018			
63,808	2,441	47,335	10,132 21.40%	14,032	4,983 35.51%	15,115	23.69%
				2017			
28,989	1,813	22,080	5,690 25.77%	5,096	2,130 41.80%	7,820	26.98%

The 2012 – 2016 results are presented in the previous format of FCC Form 555 format submitted by ETCs and summarized as follows.

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Subscribers to be Re-certified	Subscribers Contacted Directly	Responding Subscribers	Non- responding Subscribers	Ineligible Subscribers Contacted Directly	Subscribers De-enrolled Contacted Directly	Subscribers reviewed by DHS/USAC	Subscribers De-enrolled by DHS/USAC	Total Subscribers De-enrolled
<u>(a)</u>	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
			(d = b-c)		(f = d+e)			(I = f+h)
				(% = e/b)	(% = (f/b)		(% = h/g)	(% = (i/a)
				2016				
60174	43629	35216	8412	191	8603	16983	1110	9713
			19.3%	.44%	19.7%		6.5%	16.02%
				2015				
56354	47709	37469	10219	231	10450	9033	1061	11511
			21.4%	.5%	21.9%		11.7%	20.29%
				2014				
64509	58458	37818	20640	646	21286	7720	2413	23699
			35.3%	1.1%			31.3%	35.81%
				2013				
63302	39002	31018	7983	641	8624	4803	1811	10435
			20.5%	1.6%	22.1%		37.7%	16.48%
				2012				
72327	70615	30440	30140		30599	1712	253	30852
			42.7%		43.3%		14.8%	42.66%

## B. What observations emerge from the results of the 2018 re-certification efforts?

1. Lifeline subscribership in 2018 was approximately the same as the average subscribership since the Lifeline Reform Order was implemented.

Lifeline subscribers requiring recertification dipped to 28,989 in 2017 when the method of counting subscribers changed (see Section IV.A. of these comments, column (a) above for 2018 and 2017). Recertification was not required from: 1) January through June, 2017, when all previous years' recertifications were based upon December 31 subscriberships, and 2) the time when subscribership has been based upon rolling recertification for subscribers with anniversary dates beginning July 1, 2017. Lifeline subscribership was counted for the last half year of 2017, but Lifeline subscribers in 2018 included all subscribers with anniversary dates

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from January 1 through December 31, 2018. The following table shows the dip in Lifeline subscribers in 2017.

	Subscribers
<u>Year</u>	to Recertify
2018	63808
2017	28,989
2016	60,174
2015	56,354
2014	64,509
2013	63,302
2012	72,327

Subscribership has remained stable at approximately 60,000 since 2013. Excluding the first year results of the Lifeline Reform Order and the half-year results in 2017, the average subscribership over the remaining five years was 61,629. When 2012 subscribership is included, the average subscribership is 63,412, and when the 2017 subscribership is added, the average is 58,495.

2. The 2018 de-enrollment rate is approximately the same as the average rate for the last six or seven years.

The 2018 de-enrollment rate of 23.69 % declined from the 2017 de-enrollment rate of 26.98% (see Section IV.A, column (h) above for 2018 and 2017). The 2018 rounded de-enrollment rate of 24% is close to the average rounded de-enrollment rate over the last six or seven years of 23% and 26% ((2018 24% + 2017 27% +2016 16% + 2015 20% + 2014 36% + 2013 16%)/6 years = 23% average; + 2012 43%/7 years = 26% average, see Section IV.A, column (h) above).

Lifeline subscribers and annual de-enrollment rates from 2012 – 2018.

	<u>De-enrollment Rate/</u>
Year	<u>subscribers</u>
2018	23.69% or 15,115
2017	26.98% or 7,820
2016	16.02% or 9,713
2015	20.29% or 11,511
2014	35.81% or 23, 699
2013	16.48% or 10,435
2012	42.66% or 30,852

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- 3. The 2018 de-enrollment rates for the various recertification procedures were:
  - a. USAC- 36.84% (Attachment 2, Column (O) for 2018. Use of USAC accounted for 18% of subscribers (11,378/63,808, see Attachment 2, column C/Attachment 1, page 7, column C) and had the highest de-enrollment rate in 2018, as well as in previous years (41.87% in 2017, 31.76% in 2016, 32.68% in 2015, and see Attachment 2, column O).
  - b. DHS database verification then direct contact- 11.04% (Attachment 3, Column (O) for 2018). Use of the DHS database combined with direct contact of subscribers produced the lowest de-enrollment rate in 2018, as well as in previous years (9.34% in 2017, 5.27% in 2016, 8.80 % in 2015, see Attachment 3, column O). Despite these results, just five ETCs used this method in 2018 representing approximately only one percent of recertifying subscribers (788/63,808), see Attachment 3, column C /Attachment 1, page 7, column C).
  - c. Wireline Direct contact-only- 19.67% (excluding the Prepaid Wireless ETCs) (Attachment 4, Column O for 2018). Use of the direct contact-only method for wire line ETCs represent only about two percent of the recertifying subscribers (981/63,808, see Attachment 4, Column C for 2018/Attachment 1, page 7, column C).
  - d. Prepaid Wireless ETCs direct contact- 21.29% (Attachment 5, Column (O) for 2018).
     Wireless subscribers represented 79% of recertifying subscribers in 2018 (50,661/63,808, see Attachment 5, column C/Attachment 1, page 7, column C).

### V. COMMISSION ALTERNATIVES

- 1. Accept the Department's analysis regarding the ETC's 2018 Lifeline recertification surveys. All ETCs must file their 2019 FCC Form 555 Lifeline survey results by January 31, 2020.
- 2. Accept the Departments analysis regarding the ETC's 2018 Lifeline recertification surveys with modifications.
- 3. Reject the Departments analysis regarding the ETC's 2017 Lifeline recertification surveys.

#### VI. RECOMMENDATION

The Department recommends Alternative 1.

						2018 ETC Lif	eline Re-Certific	cation Results								
							Filed Data									
	Ar	nual Certificat	tion			Rec	ertification Met	hods								
				State/Fed	Data Base	E	TC Direct Conta	ict		Third	Party					
ETC	Subscribers eligible for recertificat-ion	Subscrib-ers de-enrolled prior to recertif- ication attempts	Total number of subscrib-ers ETC is respons-ible for recertify- ing	Subscribers recertified through ETC access to state or federal database	Name of data source	Subscribers contacted by ETC directly to recertify	Subscribers who failed to recertify through ETC direct outreach attempt	Subscribers who recertified through ETC direct outreach attempt	Third Party- Subscribers whose eligibility was reviewed by state administrat- or, third party administrator, or USAC	Name of third party administrator used to verify subscriber eligibility	Subscribers de- enrolled as a result of a third party recerificat- ion attempt	Subscribers recertifed by a state administrator or third party administrator or USAC	Total number of subscribers de- enrolled as a result of recertificat-ion	Total number of subscribers ETC is responsible for recertifying	Percent of subscribers due for recertification who were de- enrolled	
	Α	В	С	D	Е	F	G	н	ı	J	К	L	М	N	0	
			C=A-B					H=F-G				L=I-K	M= (G+K)	N=(D+F+I)	O=((M/N)*100)	
Ace Telephone Association 361346	135	3	132	0		132	40	92	0	self survey	0	0	40	132	30.30%	
Albany Mutual Telephone	54	0	54	0		0	0	0	54	USAC	30	24	30	54	55.56%	
Association	1-	_	1.			14	2	44		colf correct	0	^	-	1.4	21 420/	
Alliance ETC- (Hills)	15	1	14	0		14	3	11	0	self survey	U	0	3	14	21.43%	
American Broadband and	38	0	38	0		38	6	32	0	self survey	0	0	6	38	15.79%	
Telecommunications				<b>.</b>									1			
Arrowhead Communications Corporation- see Arvig Enterprises, Inc.																
Arvig Enterprises, Inc.																
(1) Arrowhead Communications Corporation	11	0	11	0		0	0	0	11	USAC	5	6	5	11	45.45%	
(2) Callaway Telephone Company, Inc.	8	0	8	0		0	0	0	8	USAC	5	3	5	8	62.50%	
(3) Clements Telephone Co.	3		3	0		0	0	0	3	USAC	0	3	0	3	0.00%	-
(4) Eagle Valley Telephone Company	29	0	29	0		0	0	0	29	USAC	15	14	15	29	51.72%	
(5) East Otter Tail Telephone Company	314	0	314	0		0	0	0	314	USAC	146	168	146	314	46.50%	
(6) Felton Telephone Company	3	0	3	0		0	0	0	3	USAC	1	2	1	3	33.33%	
(7) Home Telephone Company	10	0	10	0		0	0	0	10	USAC	5	5	5	10	50.00%	
(8) Loretel Systems Inc.	115	0	115	0		0	0	0	115	USAC	53	62	53	115	46.09%	
(9) Melrose Telephone Company	161	0	161	0		0	0	0	161	USAC	72	89	72	161	44.72%	
(10) Midwest Telephone Company	73	0	73	0		0	0	0	73	USAC	33	40	33	73	45.21%	
(11) Osakis Telephone Company	22	0	22	0		0	0	0	22	USAC	6	16	6	22	27.27%	
(12) The Peoples Telephone Co. of Bigfork	29		29	0		0	0	0	29	USAC	14	15	14	29	48.28%	
(13) Redwood County Telephone Company	37	0	37	0		0	0	0	37	USAC	16	21	16	37	43.24%	
(14) Tekstar Communications Inc.	323	0	323	0		0	0	0	323	USAC	139	184	139	323	43.03%	
(15) TwinValley-Ulen Telephone Company	99	0	99	0		0	0	0	99	USAC	43	56	43	99	43.43%	
Arvig Telephone Company- see TDS																
City of Barnesville Municipal Telephone	37	0	37	0		0	0	0	37	USAC	23	14	23	37	62.16%	
Benton Coop Tel Co	46	2	44	0		0	0	0	44	USAC	21	23	21	44	47.73%	
Blue Earth Valley Telephone Company- see Rural Communications Holding Corp																_
Blue Jay Wireless LLC	0	0	0	0		0	0	0	0	no support claimed	0	0	0	0	0.00%	-

						2010 ETC 1:6	eline Re-Certific	ation Posults	1			I	1	ı	ı	1
						2018 ETC LIT	Filed Data	ation Results								
	Ar	nual Certificat	ion			Rec	ertification Met	hods	1				1			
				State/Fed	Data Base	Е	TC Direct Conta	ct		Third	Party					
ETC	Subscribers eligible for recertificat-ion	Subscrib-ers de-enrolled prior to recertif- ication attempts	Total number of subscrib-ers ETC is respons-ible for recertify- ing	Subscribers recertified through ETC access to state or federal database	Name of data source	Subscribers contacted by ETC directly to recertify	Subscribers who failed to recertify through ETC direct outreach attempt	Subscribers who recertified through ETC direct outreach attempt	Third Party- Subscribers whose eligibility was reviewed by state administrat or, third party administrator, or USAC	Name of third party administrator used to verify subscriber eligibility	Subscribers de- enrolled as a result of a third party recerificat- ion attempt	Subscribers recertifed by a state administrator or third party administrator or USAC	Total number of subscribers de- enrolled as a result of recertificat-ion	Total number of subscribers ETC is responsible for recertifying	Percent of subscribers due for recertification who were de- enrolled	
	Α	В	С	D	E	F	G	Н	1	J	К	L	М	N	0	
Boomerang Wireless, LLC d/b/a			C=A-B					H=F-G				L=I-K	M= (G+K)	N=(D+F+I)	O=((M/N)*100)	
enTouch Wireless	4418	1771	2647	0		0		0	2647	USAC	931	1716	931	2647	35.17%	
Bridgewater Telephone Co- see TDS																
Budget PrePay Incsee Boomerang (16-702, 17-191)																
C-I Communications- see Consolidated Telephone Company																
Callaway Telephone Company-see Arvig Enterprises, Inc.																
Cannon Valley Telecom, Inc see Rural Communications Holding Corp																
CenturyLink																
(1) CenturyLink-Chester	1	0	1	0		0	0	0	1	USAC	0	1	1	1	100.00%	
(2) CenturyLink-Embarq	431	0	431	0		0	0	0	431 192	USAC	125	306 127	125	431 192	29.00%	
(3) CenturyLink-MN (4) CenturyLink-NW Wisc	192 142	0	192 142	0 121	Wisconsin	21	17	4	0	USAC	65 0	0	65 17	192	33.85% 11.97%	
(5) CenturyLink-QC	6731	0	6731	0	Cares	11	7	4	6720	USAC	2412	4308	2419	6731	35.94%	
Christensen Communications	14	0	14	0		14	2	12	0	self survey	0	0	2	14	14.29%	
Company Crosslake Telephone Company- see Tri-Co Technologies LLC																
Citizens Tel of Minnesota (361123)- see Frontier Communications																
Citizens Tel of Minnesota (367123)- see Frontier Communications																
Clara City Telephone Co- see Hanson Communications																
Clements Telephone Company- see Arvig Enterprises, Inc.																
Consolidated Communications Holding Company, Inc.																
(1) Consolidated Communications of Mid-Communications Company	106	4	102	67	Department of Human Resources	35	14	21	0	self survey	0	0	14	102	13.73%	
(2) Consolidated Communications of Minnesota Company	298	11	287	199	Department of Human Resources	88	28	60	0	self survey	0	0	28	287	9.76%	
Consolidated Tel Co	72	0	72	0		0	0	0	72	USAC	36	36	36	72	50.00%	
(1) C-I Communications merged into CTC, 17-756																
Crosslake Telephone Company- see Tri County Technologies LLC																
Dunnell Tel Co, Inc.	2	0	2	0		2	0	2	0	self survey	0	0	0	2	0.00%	

				1		2018 FTC 1 if	eline Re-Certific	ation Results								
						2010 LTC LIN	Filed Data	ation results								
	Ar	nnual Certificat	ion			Rec	ertification Met	hods								
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	Α	В	С	D	E	F	G	Н	1	J	К	L	М	N	0	
	,,		C=A-B					H=F-G		-		L=I-K	M= (G+K)	N=(D+F+I)	O=((M/N)*100)	
Eagle Valley Telephone Company- see Arvig Enterprises, Inc.																
East Otter Tail Telephone Company- see Arvig Enterprises, Inc.																
Easton Telepohone Company- see Rural Communications Holding Corp																
Eckles Telephone Company- see Rural Communications Holding Corp																
Emily Cooperative Tel Farmers-Federated	22	5	17	0		17	5	12	0	self survey	0	0	5	17	29.41%	
(1) Farmers Mutual Tel (361389)	18	1	17					0	17	USAC	6	11	6	17	35.29%	
(2) Farmers Mutual Technologies Inc. (369020)	11	3	8	0		0	0	0	8	USAC	4	4	4	8	0.00%	
(3) FederatedTelephone Coop (369021)	48	0	48	0		0	0	0	48	USAC	17	31	17	48	35.42%	
(4) Federated Telephone Coop(361403)	11	0	11	0		0	0	0	11	USAC	5	6	5	11	45.45%	
(5) Federated Telephone Cooperative (361390)	37	0	37	0		0	0	0	37	USAC	10	27	10	37	27.03%	
Felton Telephone Company- see Arvig Enterprises, Inc.																
Frontier Communications Corp.																
(1) Citizens Tel of Minnesota (361123)	572	0	572	0		0	0	0	572	USAC	0	572	142	572	24.83%	
(2) Citizens Tel of Minnesota (367123)	0	0	0	0		0	0	0	0	no support claimed	0	0	0	0	0.00%	
(3) Frontier Communications of MN (361367)	365	0	365	0		0	0	0	365	USAC	102	263	102	365	27.95%	
Garden Valley Tel Co	227	15	212	157	Department of Human Resources	55	21	34	0	self survey	0	0	21	212	9.91%	
Gardonville Coop Tel Assn	45	0	45	25	Department of Human Resources	20	7	13	0	self survey	0	0	7	45	15.56%	
Global Connection Inc of America	144	25	119	0		119	48	71	0	self survey	0	0	48	119	40.34%	
Halstad Telephone Company	19	2	17	0		0	0	0	17	USAC	3	14	3	17	17.65%	
Hanson Communications, Inc.	27	_	0			27	1	0	^	solf surren	0	0	0	0 27	7 /410/	
(1) Clara City Telephone Co	27	0	27 8	0		8	2	25 6	0	self survey self survey	0	0	2	8	7.41% 25.00%	
(2) Sacred Heart Telephone Co (3) Starbuck Telepohone Co	8 48	0	48	0		48	12	36	0	self survey	0	0	12	48	25.00%	
(4) Zumbrota Teleponone Co	29	0	29	0		29	9	20	0	self survey	0	0	9	29	31.03%	
Harmony Telephone Company (MSG Tel, Inc holding company)	22	4	18	0		0	0	0	18	self survey	10	8	10	18	55.56%	
Tel, Inc holding company)			20	Ů		Ŭ	Ŭ		20	Sen survey		Ü	20	10	33.30%	

						2018 ETC Lif	eline Re-Certific	cation Results								
							Filed Data									
	Ar	nual Certificat	ion			Rec	ertification Met	hods					Ī			
				State/Fed	Data Base	E	TC Direct Conta	ict		Third	Party					
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	Α	В	С	D	E	F	G	Н	1	J	К	L	М	N	0	
			C=A-B					H=F-G				L=I-K	M= (G+K)	N=(D+F+I)	O=((M/N)*100)	
Home Telephone Company- see Arvig																i
Enterprises, Inc.																i
Hutchinson Telephone Company- see																
NU Telecom, Inc.																i
I-Wireless LLC	2262	519	1743	0		1743	367	1376	0	self survey	0	0	367	1743	21.06%	
Interstate Telecommunications	24	0	24	0		0	0	0	24	USAC	11	13	11	24	45.83%	
Johnson Telephone Company	72	0	72	0		72	0	72	0	self survey	0	0	0	72	0.00%	
KMP d/b/a Mid-State Tel Co see TDS										,						
Kasson & Mantorville Tel Co	17	0	17	0		17	1	16	0	self survey	0	0	1	17	5.88%	
Larson Utilities, Inc.																<b></b>
(1) Minnesota Valley Telephone Company	8	0	8	0		8	0	8	0	self survey	0	0	0	8	0.00%	
(2) Winthrop Telephone Company	4	0	4	0		4	0	4	0	self survey	0	0	0	4	0.00%	
Lismore Coop Tel Co	1	0	1	0		1	0	1	0	no support claimed	0	0	0	1	0.00%	
Lonsdale Tel	0	0	0	0		0	0	0	0	self survey	0	0	0	0	0.00%	
Loretel Systems, Ins see Arvig Enterprises, Inc.			0					0				0	0	0		
Mabel Coop Tel Co	17	3	14	0		14	2	12	0	self survey	0	0	2	14	14.29%	i
Manchester-Hartland Telephone Co.	10	0	10	0		10	1	9	0	self survey	0	0	1	10	10.00%	
Mankato Citizens Telephone Co-see Consolidated Communications, Inc.																
Melrose Telephone Cosee Arvig Enterprises, Inc.																
Mid-Communications, Inc see Consolidated Communications, Inc.																
Mid-State Telephone Co. see TDS																
Midcontinent Communications	752	32	720	0		0	0	0	720	USAC	265	455	265	720	36.81%	
Midwest Telephone Company- see												-		1		
Arvig Enterprises, Inc. Minnesota Valley Tel- see Larson																
Utilities, Inc.				ĺ										1		
N-U Telecom, Inc.																
(1) Hutchinson Telephone Company	50	0	50	0		50	14	36	0	self survey	0	0	14	50	28.00%	
(2) New Ulm Telecom, Inc.	123	3	120	0		120	22	98	0	self survey	0	0	22	120	18.33%	
(3) Nuvera Communications, Inc. fka										,						
Scott-Rice Tel Co.	60	0	60	0		60	8	52	0	self survey	0	0	8	60	13.33%	
(4) Sleepy Eye Telephone Company	30	0	30	0		30	3	27	0	self survey	0	0	3	30	10.00%	
(5) Western Telephone Company	30	0	30	0		30	6	24	0	self survey	0	0	6	30	20.00%	
Northern Tel Co (affiliate of Wilderness Valley)	2	0	2	0		2	0	2	0	self survey	0	0	0	2	0.00%	

						2018 ETC Life	eline Re-Certific	ation Results								
						2020 2.0 211	Filed Data									
	Ar	nnual Certificat	tion			Rec	ertification Met	hods								
				State/Fed	Data Base	Е	TC Direct Conta	ct		Third	Party					
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	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	
			C=A-B					H=F-G				L=I-K	M= (G+K)	N=(D+F+I)	O=((M/N)*100)	
Osakis Telephone Company- see																
Arvig Enterprises, Inc.																
Park Region Tel Co (affiliates Rothsay	19	0	19	0		0	0	0	19	Solix	4	15	4	19	21.05%	
and Valley Tel Co)																
(1) Rothsay Telephone Co.	5	0	5	0		0	0	0	5	Solix	1	4	1	5	20.00%	
(2) Valley Telephone Co.	5	0	5	0		0	0	0	5	Solix	3	2	3	5	60.00%	
Paul Bunyan Rural Tel Co	0	0	0	0		0	0	0	0	no support claimed	0	0	0	0	0.00%	
The Peoples Telephone Company of Bigfork- see Arvig Enterprises, Inc.																
PolarTel																
(1) Wolverton Telephone Co. 361512	0	0	0	0		0	0	0	0	self survey	0	0	0	0	0.00%	
Q Link Wireless LLC (Quadrant Holdings Group LLC)	33347	3022	30325	0		30325	7638	22687	0	self survey	0	0	7638	30325	25.19%	
Red River Rural Telephone Assoc.	68	0	68	0		68	20	48	0	self survey	0	0	20	68	29.41%	
Rothsay Telephone Co. (see Park Region)																
Runestone Telecom Assn- 361423	8	0	8	0		0	0	0	8	USAC	1	7	1	8	12.50%	
Runestone Telecom Assn- 361475	71	0	71	0		0	0	0	71	USAC	32	39	32	71	45.07%	
Rural Communications Holding Corporation																
(1) Blue Earth Valley Telephone Co	186	0	186	0		0	0	0	186	USAC	112	74	112	186	60.22%	
<ol><li>(2) Cannon Valley Telecom, Inc.</li></ol>	35	0	35	0		0	0	0	35	USAC	16	19	16	35	45.71%	
(3) Easton Telephone Company	23	0	23	0		0	0	0	23	USAC	14	9	14	23	60.87%	
(4) Eckles Telephone company	48	0	48	0		0	0	0	48	USAC	23	25	23	48	47.92%	
(5) Granada Telephone Company	3	0	3	0		0	0	0	3	USAC	2	1	2	3	66.67%	
(6) Pine Island Telephone Company	24	0	24	0		0	0	0	24	USAC	13	11	13	24	54.17%	
Sacred Heart Telephone Co- see Hanson Communications																
Sage Telecom Communications LLC (TSC Acquisition Corporation)	0	0	0	0		0	0	0	0	no support claimed	0	0	0	0	0.00%	
Scott Rice Tel Co dba Integra Telecom n/k/a Nuvera Comm. Inc. (see New Ulm Telecom, Inc.)																
Sleepy Eye Telephone Co see NU- Telecom, Inc.																
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						2018 ETC LII	Filed Data	ation results								
	An	I nual Certificat	ion			Rec	ertification Met	hods								
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	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	
			C=A-B					H=F-G				L=I-K	M= (G+K)	N=(D+F+I)	O=((M/N)*100)	
Southwest Minnesota Broadband	35	0	35	0		0	0	0	35	USAC	7	28	7	35	20.00%	
Services Spring Grove Comm	59	3	56	0		0	0	0	56	USAC	38	18	38	56	67.86%	
Starbuck Telepohone Co-see Hanson	33	,	30	Ü		Ü	- U	U	30	USAC	30	10	30	30	07.50%	
Communications																
T-Mobile Central LLC	68	5	63	0		63	13	50	0	self survey	0	0	13	63	20.63%	
TAG Mobile LLC	7	0	7	0		7	2	5	0	self survey	0	0	2	7	28.57%	
TDS Telecommunications																
Corporation (1) Arvig Telephone Company	115	1	114	0		0	0	0	114	USAC	40	74	40	114	35.09%	
(2) Bridge Water Telephone Co	31	0	31	0		0	0	0	31	USAC	13	18	13	31	41.94%	
(3) KMP d/b/a Mid-State Tel Co.	1	0	1	0		0	0	0	1	USAC	0	1	0	1	0.00%	
(4) Mid-State Telephone Company	57	0	57	0		0	0	0	57	USAC	18	39	18	57	31.58%	
(5) Winsted Telephone Company	12	1	11	0		0	0	0	11	USAC	3	8	3	11	27.27%	
Tekstar Communications Inc see																
Arvig Enterprises, Inc.																
Telrite Corporation d/b/a Life Wireless	7179	1362	5817	1849	Department of Human Resources	3968	1347	2621	0	self survey	0	0	1347	5817	23.16%	
Tempo Telecom LLC	256	36	220	0		220	65	155	0	self survey	0	0	65	220	29.55%	
TerraCom, Inc.	124	6	118	23	Department of Human Resources	95	40	55	0	self survey	0	0	40	118	33.90%	
Tri-Co Technologies fka Crosslake Tel. Co.	12		12	0		12	5	7	0	self survey	0	0	5	12	41.67%	
Twin Valley-Ulen Telephone Co see Arvig Enterprises, Inc.																
Upsala Coop Tel Assn	24	0	24	0		24	0	24	0	self survey	0	0	0	24	0.00%	
Valley Tel Co (see Affiliate of Park									ĺ				ĺ			
Region Tel Co) Virgin Mobile USA, LP dba Assusrance	10357	793	9564	0		9564	329	9235	0	self survey	0	0	329	9564	3.44%	
Wireless *				-						·						
West Central Tel Assn. Western Telepone Company see NU-	45	0	45	0		45	11	34	0	self survey	0	0	11	45	24.44%	
Telecom, Inc. Wikstrom Telephone Co., Inc.	24	0	24	0		0	0	0	24	USAC	13	11	13	24	54.17%	
Wilderness Valley Tel Co ( see affiliate																
Northern Tel Co)	1	0	1	0		1	0	1	0	self survey	0	0	0	1	0.00%	
Windstream Communications			0													
(1) Windstream Communications LLC-361414	65	0	60			60	11	49	0	self survey	0	0	11	60	18.33%	
(2) Windstream Communications LLC-361482	31	4	27	0		27	4	23	0	self survey	0	0	4	27	14.81%	
Winnebago Coop Telecom Association 369029	0	0	0	0		0	0	0	0	no support claimed	0	0	0	0	0.00%	
Winnebago Coop Telecom Association 316337	4	0	4	0		0	0	0	4	USAC	1	3	1	4	25.00%	
Winsted Telephone Co. see TDS																

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						2016 ETC LIII	Filed Data	ation results								
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	An	inuai certificat	ion	Chala (Fad	Data Barri					Third	D. d.					
				State/Fed	Data Base	E	TC Direct Conta	ct		Third	Party					
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	Α	В	С	D	E	F	G	Н	1	J	K	L	М	N	0	
			C=A-B					H=F-G				L=I-K	M= (G+K)	N=(D+F+I)	O=((M/N)*100)	
Winthrop Tel- see Larson Utilities, Inc.			0													
Wolverton Telephone Co. 361512- see PolarTel			0													
Woodstock Tel Co	19	2	17	0		17	0	17	0	self survey	0	0	0	17	0.00%	
Zumbrota Telephone Co- see Hanson		_		Ť												
Communications, Inc.			0													
communications, inc.																
2018	71452	7639	63808	2441		47335	10132	37203	14032		4983	9049	15115	63808	23.69%	
2018	71432	7039	03000	3.83%		74.18%	15.88%	58.30%	21.99%		7.81%	14.2%	13113	63808	25.09%	
2047	38569	9580	28989	1813		22080	5690	16446	5096		2130	2970	7820	28989	26.98%	
2017	38309	9580	28989	6.25%		76.17%	19.63%	56.73%	17.58%		7.35%	10.2%	7820	28989	20.98%	
ETC	FCC Form 497 (Feb 2015)	Wholesale lines provided to wireline resellers	# initially enrolled in current calendar year	Number of Subscribers de- enrolled prior to recertification	to be recertified	# of subscribers contacted directly	# of responding subscribers	# of non- responding subscribers	# of ineligible responding subscribers	# of subscribers de- enrolled	# of subscribers reviewed by USAC	# of subscribers de-enrolled by USAC	# of subscribers attempted to recertify directly, or by state, data base, or USAC	# of subscribers de- enrolled by non-response or ineligibility	Percent of Subscribers de- enrolled	
	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	
					E=(A-B-C-D)			H=(F-G)		J=(H+I)			M= (F+K)	N=(J+L)	O=((N/M)*100)	
2016	86724	150	8857	17453	60174	43629	35216	8412	191	8603	16983	1110	60612	9713	16.02%	
2015	89070	163	7022	25531	56354	47709	37469	10219	231	10450	9033	1061	56734	11511	20.29%	
2014	101425	190	8885	27841	64509	58458	37818	20640	646	21286	7720	2413	66178	23699	35.81%	
2013	68081				63302	39002	31018	7983	641	8624	4803	1811	63302	10435	16.48%	
2012	86891				72327	70615	30440	30140		30599	1712	253	72327	30852	42.66%	

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							eline Re-Certific								Attachment 2		
							Party/USAC Con								page 1 of 2		<u> </u>
	A	Annual Certificati	ion				ertification Met										<u> </u>
				State/Fed	Data Base		ETC Direct Conta	ct		Third	Party						
ETC	Subscribers eligible for recertificat-ion	Subscrib-ers de-enrolled prior to recertif-ication attempts	Total number of subscrib-ers ETC is respons- ible for recertify-ing	Subscribers recertified through ETC access to state or federal database	Name of data source	Subscribers contacted by ETC directly to recertify	Subscribers who failed to recertify through ETC direct outreach attempt	Subscribers who recertified through ETC direct outreach attempt	Third Party- Subscribers whose eligibility was reviewed by state administrat- or, third party administrator, or USAC	Name of third party administrator used to verify subscriber eligibility	Subscribers de enrolled as a result of a third party recerificat-ion attempt	Subscribers recertifed by a state administrator or third party administrator or USAC	Total number of subscribers de-enrolled as a result of recertificat-ion	Total number of subscribers ETC is responsible for recertifying	Percent of subscribers due for recertification who were de- enrolled		
	Α	В	С	D	E	F	G	Н	1	J	K	L	М	N	0		<u> </u>
			C=A-B										M= (G+K)	N=(D+F+I)	O=((M/N)*100)		1
Albany Mutual Telephone Association	54	0	54	0		0	0	0	54	USAC	30	24	30	54	55.56%		
Arvig Enterprises, Inc.																	ļ!
(1) Arrowhead Communications Corporation	11	0	11	0		0	0	0	11	USAC	5	6	5	11	45.45%		
(2) Callaway Telephone Company, Inc.	8	0	8	0		0	0	0	8	USAC	5	3	5	8	62.50%		
(3) Clements Telephone Co. (4) Eagle Valley Telephone Company	3 29	0	3 29	0		0	0	0	3 29	USAC	0 15	3 14	0 15	3 29	0.00% 51.72%		ļ ——'
(4) Eagle Valley Telephone Company (5) East Otter Tail Telephone Company	314	0	314	0		0	0	0	314	USAC	146	168	146	314	46.50%		
(6) Felton Telephone Company	314	0	314	0		0	0	0	314	USAC	146	2	140	314	33.33%	-	ļ!
(7) Home Telephone Company	10	0	10	0		0	0	0	10	USAC	5	5	5	10	50.00%		
(8) Loretel Systems Inc.	115	0	115	0		0	0	0	115	USAC	53	62	53	115	46.09%		
(9) Melrose Telephone Company	161	0	161	0		0	0	0	161	USAC	72	89	72	161	44.72%		
(10) Midwest Telephone Company	73	0	73	0		0	0	0	73	USAC	33	40	33	73	45.21%		ļ!
(11) Osakis Telephone Company (12) The Peoples Telephone Co. of	22	0	22	0		0	0	0	22	USAC	6	16	6	22	27.27%		
Bigfork (13) Redwood County Telephone	29		29	0		0	0	0	29	USAC	14	15	14	29	48.28%		
Company	37	0	37	0		0	0	0	37	USAC	16	21	16	37	43.24%		
(14) Tekstar Communications Inc.	323	0	323	0		0	0	0	323	USAC	139	184	139	323	43.03%		
(15) TwinValley-Ulen Telephone Company	99	0	99	0		0	0	0	99	USAC	43	56	43	99	43.43%		
City of Barnesville Municipal Telephone	37	0	37	0		0	0	0	37	USAC	23	14	23	37	62.16%		
Benton Coop Tel Co	46	2	44	0		0	0	0	44	USAC	21	23	21	44	47.73%		
CenturyLink																	,
(1) CenturyLink-Chester	1	0	1	0		0	0	0	1	USAC	0	1	1	1	100.00%		
(2) CenturyLink-Embarq	431	0	431	0		0	0	0	431	USAC	125	306	125	431	29.00%		
(3) CenturyLink-MN	192	0	192	0		0	0	0	192	USAC	65	127	65	192	33.85%		
(4) CenturyLink-QC Consolidated Tel Co	6731 72	0	6731 72	0		11 0	7	4 0	6720 72	USAC	2412 36	4308 36	2419 36	6731 72	35.94% 50.00%		
Farmers-Federated	/2	U	14				,			SUMC	30	30	- 30		30.3070	<del>                                     </del>	$\overline{}$
(1) Farmers Mutual Tel (361389)	18	1	17					0	17	USAC	6	11	6	17	35.29%		
(2) Farmers Mutual Technologies Inc. (369020)	11	3	8	0		0	0	0	8	USAC	4	4	4	8	0.00%		
(3) FederatedTelephone Coop (369021)	48	0	48	0		0	0	0	48	USAC	17	31	17	48	35.42%		
(4) Federated Telephone Coop(361403)	11	0	11	0		0	0	0	11	USAC	5	6	5	11	45.45%		
(5) Federated Telephone Cooperative (361390)	37	0	37	0		0	0	0	37	USAC	10	27	10	37	27.03%		
Frontier Communications																	L <sup></sup>
(1) Citizens Tel of Minnesota (361123)	572	0	572	0		0	0	0	572	USAC	0	572	142	572	24.83%		
(3) Frontier Communications of MN (361367)	365	0	365	0		0	0	0	365	USAC	102	263	102	365	27.95%		
Halstad Telephone Company Interstate Telecommunications	19 24	0	17 24	0		0	0	0	17 24	USAC	3 11	14 13	3 11	17 24	17.65% 45.83%		
Midcontinent Communications	752	32	720	0		0	0	0	720	USAC	265	455	265	720	36.81%		<b>——</b>
Park Region Tel Co (affiliates Rothsay and Valley	19	0	19	0		0	0	0	19	Solix	4	15	4	19	21.05%		
(1) Rothsay Telephone Co.	5	0	5	0		0	0	0	5	Solix	1	4	1	5	20.00%		
(2) Valley Telephone Co.	5	0	5	0		0	0	0	5	Solix	3	2	3	5	60.00%		
Runestone Telecom Assn- 361423	8	0	8	0		0	0	0	8	USAC	1	7	1	8	12.50%		
Runestone Telecom Assn- 361475	71	0	71	0		0	0	0	71	USAC	32	39	32	71	45.07%		ļ!

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							eline Re-Certific								Attachment 2			ļ
						Third F	Party/USAC Com	panies							page 2 of 2			
	A	nnual Certificati	ion			Rec	ertification Metl	nods										
				State/Fed	Data Base	Е	TC Direct Conta	ct		Third	Party							
				C. barella a			Subscribers	Subscribers	Third Party- Subscribers	No. of the d	c harden de	Subscribers			Power of a f			
ЕТС	Subscribers eligible for recertificat-ion	Subscrib-ers de-enrolled prior to recertif-ication attempts	Total number of subscrib-ers ETC is respons- ible for recertify-ing	Subscribers recertified through ETC access to state or federal database	Name of data source	Subscribers contacted by ETC directly to recertify	who failed to recertify through ETC direct outreach attempt	who recertified through ETC direct outreach attempt	whose eligibility was reviewed by state administrat- or, third party administrator, or USAC	Name of third party administrator used to verify subscriber eligibility	Subscribers de enrolled as a result of a third party recerificat-ion attempt	recertifed by a state administrator or third party administrator or USAC	Total number of subscribers de-enrolled as a result of recertificat-ion	Total number of subscribers ETC is responsible for recertifying	Percent of subscribers due for recertification who were de- enrolled			
	Α	В	С	D	E	F	G	Н	- 1	J	K	L	М	N	0			
Rural Communications Holding Corporation																		
(1) Blue Earth Valley Telephone Co	186	0	186	0		0	0	0	186	USAC	112	74	112	186	60.22%			
(2) Cannon Valley Telecom, Inc.	35	0	35	0		0	0	0	35	USAC	16	19	16	35	45.71%			
(3) Easton Telephone Company	23	0	23	0		0	0	0	23	USAC	14	9	14	23	60.87%			
(4) Eckles Telephone company	48	0	48	0		0	0	0	48	USAC	23	25	23	48	47.92%			
(5) Granada Telephone Company	3	0	3	0		0	0	0	3	USAC	2	1	2	3	66.67%			<u> </u>
(6) Pine Island Telephone Company	24	0	24	0		0	0	0	24	USAC	13	11	13	24	54.17%			<u> </u>
Southwest Minnesota Broadband Services	35	0	35	0		0	0	0	35	USAC	7	28	7	35	20.00%			
Spring Grove Comm	59	3	56	0		0	0	0	56	USAC	38	18	38	56	67.86%			
TDS Telecommunications Corporation																		<u> </u>
(1) Arvig Telephone Company	115	1	114	0		0	0	0	114	USAC	40	74	40	114	35.09%			
(2) Bridge Water Telephone Co	31	0	31	0		0	0	0	31	USAC	13	18	13	31	41.94%			
(3) KMP d/b/a Mid-State Tel Co.	1	0	1	0		0	0	0	1	USAC	0	1	0	1	0.00%			
(4) Mid-State Telephone Company	57	0	57	0		0	0	0	57	USAC	18	39	18	57	31.58%			
(5) Winsted Telephone Company	12	1	11	0		0	0	0	11	USAC	3	8	3	11	27.27%			
Wikstrom Telephone Co., Inc. Winnebago Coop Telecom Association 316337	24 4	0	4	0		0	0	0	4	USAC	13	3	13	4	54.17% 25.00%			
2018	11423	45	11378	0		11	7	4	11367		4042	7325	4192	11378	36.84%			
		45											4132	11370	30.0470			<b>├</b>
Total	71195		63808	0.00%		0.10%	0.06%	0.04%	99.90%		35.5%	64.4%						ļ
Percent of total	16.04%		17.83%															
2017	5271	143	5128	0		34	21	13	5094		2126	2968	2147	5128	41.87%			
				0.00%		0.66%	0.41%	0.25%	99.34%		41.5%	57.9%						1
				0.0070		0.0070	0.4170	0.2370	33.5470		41.570	37.370						
						2047 57011									Aug. d			
						2017 ETC LIFE	eline Re-Certific	ation Results					# of		Attachment 2			
ETC	FCC Form 497 (Feb 2015)	Wholesale lines provided to wireline resellers	# initially enrolled in current calendar year	Number of Subscribers de- enrolled prior to recertification	# of subscribers to be recertified	# of subscribers contacted directly	# of responding subscribers	# of non- responding subscribers	# of ineligible responding subscribers	# of subscribers de enrolled	# of subscribers reviewed by USAC	# of subscribers de- enrolled by USAC	subscribers attempted to recertify directly, or by state, data base, or USAC	# of subscribers de- enrolled by non-response or ineligibility	Percent of Subscribers de- enrolled			
	Α	В	С	D	E	F	G	Н	- 1	J	K	L	М	N	0			<u> </u>
					E=(A-B-C-D)			H=(F-G)		J=(H+I)			M= (F+K)	N=(J+L)	O=((N/M)*100)			
	3729																	
2016 Totals	3729	0	221	183	3325	0	0	0	0	0	3325	1056	3325	1056	31.76			
		<u> </u>								<u> </u>								<del>                                     </del>
2015 T-+-I-	2210	_	247	252	2610	0	0		_	_	2010	05.0	2610	95.0	22.00			1
2015 Totals	3219	0	347	253	2619	8	8	0	0	0	2619	856	2619	856	32.68			<b>├</b>
																		<u> </u>
2014 Results	3729	0	81	0	3648	5	5	0	0	0	3162	1796	3167	1796	56.71			
2012 0 1		<b> </b>		l					l	<b> </b>	1		24.02	1700	FC 22		<b> </b>	<del>                                     </del>
2013 Results			<b> </b>										3162	1796	56.80			<del>                                     </del>
			1									İ			İ			
	l	l .	I	ı						l .	l .	l .			l .		l	

						2018 ETC Life	eline Re-Certific	ation Results							Attachment 3
						Wireline Data b	ase & Direct Cor	ntact Companie	es						
	Ar	nual Certificat	ion			Rece	ertification Meth	nods							
				State/Fed	Data Base	E	TC Direct Conta	ct		Third	Party				
ETC	Subscribers eligible for recertificat-ion	Subscrib-ers de-enrolled prior to recertif- ication attempts	Total number of subscrib-ers ETC is respons-ible for recertify- ing	Subscribers recertified through ETC access to state or federal database	Name of data source	Subscribers contacted by ETC directly to recertify	Subscribers who failed to recertify through ETC direct outreach attempt	Subscribers who recertified through ETC direct outreach attempt	Third Party- Subscribers whose eligibility was reviewed by state administrat- or, third party administrator, or USAC	Name of third party administrator used to verify subscriber eligibility	Subscribers de- enrolled as a result of a third party recerificat- ion attempt	Subscribers recertifed by a state administrator or third party administrator or USAC	Total number of subscribers de-enrolled as a result of recertificat-ion	Total number of subscribers ETC is responsible for recertifying	Percent of subscribers due for recertification who were de- enrolled
	Α	В	С	D	E	F	G	Η	1	J	K	L	M	N	0
			C=A-B										M= (G+K)	N=(D+F+I)	O=((M/N)*100)
CenturyLink															
CenturyLink-NW Wisc	142	0	142	121	Wisconsin Cares	21	17	4	0	self survey	0	0	17	142	11.97%
Consolidated Communications															
Holding Company, Inc.  (1) Consolidated Communications of Mid-Communications Company	106	4	102	67	Department of Human Resources	35	14	21	0	self survey	0	0	14	102	13.73%
(2) Consolidated Communications of Minnesota Company	298	11	287	199	Department of Human Resources	88	28	60	0	self survey	0	0	28	287	9.76%
Garden Valley Tel Co	227	15	212	157	Department of Human Resources	55	21	34	0	self survey	0	0	21	212	9.91%
Gardonville Coop Tel Assn	45	0	45	25	Department of Human Resources	20	7	13	0	self survey	0	0	7	45	15.56%
2018	818	30	788	569		219	87	132	0		0	0	87	788	11.04%
Total	71195		63808	72.21%		27.79%									
Percent of total	1.15%		1.23%												
2017	668	4	664	529		135	62	73	0		0	0	62	664	9.34%
ETC	FCC Form 497 (Feb 2015)	Wholesale lines provided to wireline resellers	# initially enrolled in current calendar year	Number of Subscribers de- enrolled prior to recertification	# of subscribers to be recertified	# of subscribers contacted directly	# of responding subscribers	# of non- responding subscribers	# of ineligible responding subscribers	# of subscribers de- enrolled	# of subscribers reviewed by state, elibigility data base	# of subscribers de-enrolled by state, elibigility data base	# of subscribers attempted to recertify directly, or by state, data base, or USAC	# of subscribers de- enrolled by non-response or ineligibility	Percent of Subscribers de- enrolled
	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0
				1	E=(A-B-C-D)			H=(F-G)	_	J=(H+I)			M= (F+K)	N=(J+L)	O=((N/M)*100)
2016 Totals	12099	150	252	341	11356	2429	1878	551	15	566	8927	32	11356	598	5.27
2015 Totals	2059	0	55	88	1916	576	511	82	7	89	1368	82	1944	171	8.80
2014 Totals	3246	150	26	178	3042	1248	805	444	14	458	1794	25	3043	483	15.87
2013 Results	2771		150		2621								2942	387	13.15

						2018 FTC Life	eline Re-Certific	ation Results						Attachment 4	
							Direct Contact C							page 1 of 3	
		10												page 1 01 3	
	Ai	nnual Certificati	on				ertification Met								
				State/Fed	Data Base	E	TC Direct Conta	ct		Third	Party				
ETC	Subscribers eligible for recertificat-ion	Subscrib-ers de-enrolled prior to recertif-ication attempts	Total number of subscrib-ers ETC is respons- ible for recertify-ing	Subscribers recertified through ETC access to state or federal database	Name of data source	Subscribers contacted by ETC directly to recertify	Subscribers who failed to recertify through ETC direct outreach attempt	Subscribers who recertified through ETC direct outreach attempt	Third Party- Subscribers whose eligibility was reviewed by state administrat- or, third party administrator, or USAC	Name of third party administrator used to verify subscriber eligibility	Subscribers de- enrolled as a result of a third party recerificat-ion attempt	Subscribers recertifed by a state administrator or third party administrator or USAC	Total number of subscribers de-enrolled as a result of recertificat-ion	ETC is responsible for	Percent of subscribers due for recertification who were de- enrolled
	Α	В	С	D	E	F	G	Н	1	J	К	L	M	N	0
			C=A-B										M= (G+K)	N=(D+F+I)	O=((M/N)*100)
Ace Telephone Association 361346	135	3	132	0		132	40	92	0	self survey	0	0	40	132	30.30%
Alliance ETC- (Hills)	15	1	14	0		14	3	11	0	self survey	0	0	3	14	21.43%
Christensen Communications Company	14	0	14	0		14	2	12	0	self survey	0	0	2	14	14.29%
Dunnell Tel Co, Inc.	2	0	2	0		2	0	2	0	self survey	0	0	0	2	0.00%
Emily Cooperative Tel	22	5	17	0		17	5	12	0	self survey	0	0	5	17	29.41%
Hanson Communications, Inc.															
(1) Clara City Telephone Co	27	0	27	0		27	2	25	0	self survey	0	0	2	27	7.41%
(2) Sacred Heart Telephone Co	8	0	8	0		8	2	6	0	self survey	0	0	2	8	25.00%
(3) Starbuck Telepohone Co	48	0	48 29	0		48 29	12	36 20	0	self survey	0	0	12	48 29	25.00%
(4) Zumbrota Telepoone Co  Harmony Telephone Company (MSG Tel, Inc holding company)	29	4	18	0		0	0	0	18	self survey	10	8	10	18	31.03% 55.56%
Johnson Telephone Company	72	0	72	0		72	0	72	0	self survey	0	0	0	72	0.00%
Kasson & Mantorville Tel Co	17	0	17	0		17	1	16	0	self survey	0	0	1	17	5.88%
Larson Utilities, Inc. (1) Minnesota Valley Telephone Company	8	0	8	0		8	0	8	0	self survey	0	0	0	8	0.00%
(2) Winthrop Telephone Company	4	0	4	0		4	0	4	0	self survey	0	0	0	4	0.00%
Lismore Coop Tel Co	1	0	1	0		1	0	1	0	no support claimed	0	0	0	1	0.00%
Lonsdale Tel	0	0	0	0		0	0	0	0	self survey	0	0	0	0	0.00%
Mabel Coop Tel Co	17	3	14	0		14	2	12	0	self survey	0	0	2	14	14.29%
Manchester-Hartland Telephone Co.	10	0	10	0		10	1	9	0	self survey	0	0	1	10	10.00%
N-U Telecom, Inc.															
(1) Hutchinson Telephone Company	50	0	50	0		50	14	36	0	self survey	0	0	14	50	28.00%
(2) New Ulm Telecom, Inc.	123	3	120	0		120	22	98	0	self survey	0	0	22	120	18.33%
(3) Nuvera Communications, Inc. fka Scott-Rice Tel Co.	60	0	60	0		60	8	52	0	self survey	0	0	8	60	13.33%
(4) Sleepy Eye Telephone Company	30	0	30	0		30	3	27	0	self survey	0	0	3	30	10.00%
(5) Western Telephone Company	30	0	30	0		30	6	24	0	self survey	0	0	6	30	20.00%
Northern Tel Co (affiliate of Wilderness Valley)  PolarTel	2	0	2	0		2	0	2	0	self survey	0	0	0	2	0.00%
(1) Wolverton Telephone Co. 361512	0	0	0	0		0	0	0	0	self survey	0	0	0	0	0.00%

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						2018 ETC Life	l eline Re-Certific	ation Results							
						Wireline I	Direct Contact C	ompanies			!			Attachment 4	
	А	nnual Certification	on			Rece	ertification Met	nods						Page 2 of 3	
				State/Fed	Data Base		TC Direct Conta			Third	Party				
				State/Teu	Data base		TC Direct Conta	Ct.		IIIIu	raity				
ETC	Subscribers eligible for recertificat-ion		Total number of subscrib-ers ETC is respons- ible for recertify-ing	Subscribers recertified through ETC access to state or federal database	Name of data source	Subscribers contacted by ETC directly to recertify	Subscribers who failed to recertify through ETC direct outreach attempt	Subscribers who recertified through ETC direct outreach attempt	Third Party- Subscribers whose eligibility was reviewed by state administrat- or, third party administrator, or USAC	Name of third party administrator used to verify subscriber eligibility	Subscribers de enrolled as a result of a third party recerificat-ion attempt	Subscribers recertifed by a state administrator or third party administrator or USAC	Total number of subscribers de-enrolled as a result of recertificat-ion	Total number of subscribers ETC is responsible for recertifying	Percent of subscribers due for recertification who were de- enrolled
	Α	В	С	D	E	F	G	Н	1	J	K	L	М	N	0
			C=A-B										M= (G+K)	N=(D+F+I)	O=((M/N)*100)
Red River Rural Telephone Assoc.	68	0	68	0		68	20	48	0	self survey	0	0	20	68	29.41%
Tri-Co Technologies fka Crosslake	12		12	0		12	5	7	0	self survey	0	0	5	12	41.67%
Tel. Co. Upsala Coop Tel Assn	24	0	24	0		24	0	24	0	self survey	0	0	0	24	0.00%
West Central Tel Assn.	45	0	45	0		45	11	34	0	self survey	0	0	11	45	24.44%
Wikstrom Telephone Co., Inc.			0							self survey			0	0	#DIV/0!
Wilderness Valley Tel Co ( see	_						•			16					0.000/
affiliate Northern Tel Co)	1	0	1	0		1	0	1	0	self survey	0	0	0	1	0.00%
Windstream Communications			0												
(1) Windstream Communications LLC-361414	65	0	60			60	11	49	0	self survey	0	0	11	60	18.33%
(2) Windstream Communications LLC-361482	31	4	27	0		27	4	23	0	self survey	0	0	4	27	14.81%
Woodstock Tel Co	19	2	17	0		17	0	17	0	self survey	0	0	0	17	0.00%
2018	1011	25	981	0	0	963	183	780	18	0	10	8	193	981	19.67%
Total	71195		63808	0.00%		98.17%	18.65%	79.51%	1.83%		1.0%	0.8%			
Percent Total	1.42%		1.54%												
2017	914	41	873	0	0	873	118	678	0	0.0%	4	0.0%	122	873	13.97%
2017	314	41	873	0	0	1	13.52%	77.66%	0	0.070	0.5%	0.0%	122	673	13.3770
ETC	FCC Form 497 (Feb 2015)	Wholesale lines provided to wireline resellers	# initially enrolled in current calendar year	Number of Subscribers de- enrolled prior to recertification	# of subscribers to be recertified	# of subscribers contacted directly	# of responding subscribers	# of non- responding subscribers	# of ineligible responding subscribers	# of subscribers de- enrolled	# of subscribers reviewed by USAC	# of subscribers de-enrolled by USAC	# of subscribers attempted to recertify directly, or by state, data base, or USAC	# of subscribers de- enrolled by non-response or ineligibility	Subscribers de- enrolled
	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0
					E=(A-B-C-D)			H=(F-G)		J=(H+I)			M= (F+K)	N=(J+L)	O=((N/M)*100)
2016 Totals	2008	0	79	177	1752	1752	1444	307	33	340	0	0	1752	340	19.41
2015 Totals	15075	163	471	681	13760	13760	10155	3567	43	3610	0	0	13760	3610	26.24%
2014 Totals	18091	190	466	831	16604	16576	12064	4512	36	4548	32	21	16608	4569	27.51

						2018 ETC Life	eline Re-Certific	ation Results						Attachment 4	
	A	nnual Certificati	ion	1		Recertification Methods							Page 3 of 3		
				State/Fed	Data Base	E	TC Direct Conta	ct		Third	Party				
ETC	Subscribers eligible for recertificat-ion	Subscrib-ers de-enrolled prior to recertif-ication attempts	Total number of subscrib-ers ETC is respons- ible for recertify-ing	through FIG		Subscribers contacted by ETC directly to recertify	Subscribers who failed to recertify through ETC direct outreach attempt	Subscribers who recertified through ETC direct outreach attempt	Third Party- Subscribers whose eligibility was reviewed by state administrat- or, third party administrator, or USAC	party administrator	Subscribers de enrolled as a result of a third party recerificat-ion attempt	state administrator or	of subscribers de-enrolled as a result of	of subscribers ETC is responsible for	subscribers due for recertification
	А	В	С	D	Е	F	G	Н	I	J	К	L	М	N	0
					E=(A-B-C-D)			H=(F-G)		J=(H+I)			M= (F+K)	N=(J+L)	O=((N/M)*10
2013 Results						17427				4965					28.49%
2012 Resuls						70615				30599					43.33%
·								42.7%		43.3%		14.8%			

				r																
True   Part																Attachment 5				
Comment   Comm		Δn	nual Certificat	ion															-	
Subscribers   Subscribers		7	naar ceremea		State/Fed	Data Base					Third	Party								
Subscriptor   Subscriptor					0.10.10/1.00							,								
American Broadband and Telecommunications and Burley Writeries St. Class Standard Writeries St. Class S	ETC	eligible for	de-enrolled prior to recertif- ication	number of subscrib-ers ETC is respons-ible for recertify-	recertified through ETC access to state or		contacted by ETC directly to	who failed to recertify through ETC direct outreach	recertified through ETC direct outreach	Subscribers whose eligibility was reviewed by state administrat- or, third party administrator, or	party administrator used to verify subscriber	enrolled as a result of a third party recerificate	recertifed by a state administrator or third party administrator or	of subscribers de-enrolled as a result of recertificat-	of subscribers ETC is responsible for	subscribers due for recertification who were de-				
American Broadband and Telecommunications 1 38		А	В	С	D	E	F	G	Н	1	J	K	L	M	N	0				
Telecommunications 38 0 38 0 0 38 0 0 38 0 0 38 6 32 0 self survey 0 0 0 6 38 1579%				C=A-B										M= (G+K)	N=(D+F+I)	O=((M/N)*100)				
Wireless 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		38	0	38	0		38	6	32	0	self survey	0	0	6	38	15.79%				
Wireless LLC (Quadrant white white LC (Quadrant LC) (Quadr	,	0	0	0	0		0	0	0	0		0	0	0	0	0.00%				
Endout Wireless   4418   17/1   2697   0   0   0   0   0   0   0   0   0				-			_	-	-	-	claimed	-	-		-					
Five Five State   Five Five State   Five Five Five Five Five Five Five Five		4418	1771	2647	0		0		0	2647	USAC	931	1716	931	2647	35.17%				
Club Wrefess LLC (Quadrant Holdings Group LLC)   Sage Telecom Communications LLC (Quadrant Holdings Group LLC)   O																				
Holdings Group LLC)		2262	519	1743	0		1743	367	1376	0	self survey	0	0	367	1743	21.06%				
TEXACQUISITION CORPORATION)  U  U  U  U  Claimed  U  U  U  U  U  U  Claimed  U  U  U  U  Claimed  U  U  U  U  U  Claimed  U  U  U  U  Claimed  U  U  U  U  Claimed  laimed  Claimed  Claimed  Claimed  Claimed  Claimed  Claimed  Claimed  Claimed  Claimed  Claimed  Claimed Claimed Claimed Claimed Claimed Claimed Claimed Claimed Claimed Claimed Claimed C		33347	3022	30325	0		30325	7638	22687	0	self survey	0	0	7638	30325	25.19%				
TAG Mobile LLC 7 0 7 0 7 0 7 0 7 2 5 0 self survey 0 0 0 2 7 28.57%		0	0	0	0		0	0	0	0		0	0	0	0	0.00%				
Telrite Corporation d/b/a Life Wireless 7179 1362 5817 1849 Department of Human Resources 3968 1347 2621 0 self survey 0 0 0 1347 5817 23.16%  Tempo Telecom LLC (subsidiary of Birch Equity Partners) 256 36 220 0 0 220 65 155 0 self survey 0 0 0 65 220 29.55%  TerraCom, Inc. 124 6 118 23 Human PS 40 55 0 self survey 0 0 40 118 33.90%  Virgin Mobile USA, LP dba Assusrance Wireless 7 793 9564 0 9564 329 9235 0 self survey 0 0 329 9564 3.44%  Virgin Mobile USA, LP dba Assusrance Wireless 7 793 50661 1872 0 46142 9855 36287 2647 0 931 1716 10786 50661 21.29%  Total 71195 63808 3.70% 91.08% 19.45% 71.63% 5.22% 1.8% 3.4%  Percent of Total 81.75% 79.40%  2017 31713 9391 22322 1284 0 2108 5264 15684 0 0.00% 0.0% 0.0% 5264 22322 23.58%											self survey									
Felific Corporation dy)a Life   Time   Tim	TAG Mobile LLC	7	0	7	0		7	2	5	0	self survey	0	0	2	7	28.57%				
Birch Equity Partners)		7179	1362	5817	1849	Human	3968	1347	2621	0	self survey	0	0	1347	5817	23.16%				
TerraCom, Inc.  124 6 118 23 Department of Human 95 40 55 0 self survey 0 0 0 40 118 33.90%  10357 793 9564 0 9564 329 9235 0 self survey 0 0 0 329 9564 3.44%   2018 58200 7539 50661 1872 0 46142 9855 36287 2647 0 931 1716 10786 50661 21.29%  10357 7940%  10357 10361 10357 10361 10357 10361 10357 10361 10357 10361 10		256	36	220	0		220	65	155	0	self survey	0	0	65	220	29.55%				
Wireless* 10357 793 9564 0 9564 329 9235 0 self survey 0 0 329 9564 3.44%		124	6	118	23	Human	95	40	55	0	self survey	0	0	40	118	33.90%				
Total 71195 63808 3.70% 91.08% 19.45% 71.63% 5.22% 1.8% 3.4%		10357	793	9564	0		9564	329	9235	0	self survey	0	0	329	9564	3.44%				
Total 71195 63808 3.70% 91.08% 19.45% 71.63% 5.22% 1.8% 3.4%	2018	58200	7539	50661	1872	0	46142	9855	36287	2647	0	931	1716	10786	50661	21.29%				
Percent of Total 81.75% 79.40%						Ü					Ü			10/00	55001	-1.EJ/0				
	Percent of Total	81.75%		79.40%																
	2047	24742	0201	22222	1204	0	21020	5264	15004	0	0.00/	0.00/	0.00/	5364	2222	22 500/				
1       5.75%   94.25%   23.58%   70.26%   0   1 0   0   1	201/	31/13	9391	22322	5.75%	U	94.25%	23.58%	70.26%	0	0.0%	0.0%	0.0%	5264	22322	23.58%				
Wholesale # initially lines enrolled in # of subscribers		FCC Form 407			Number of	# of subscribers					# of	# of subscribers	# of subscribers	subscribers		Percent of				
FCC Form 497 (Feb 2015) (Feb 2015	ETC		wireline	calendar	enrolled prior to							state, elibigility	state, elibigility	directly, or by state, data	non-response					
A B C D E F G H I J K L M N O		А	В	С	D	E	F	G	Н	1	J	K	L		N	0				
E=(A-B-C-D)																				
2016 Totals 69149 0 8341 16945 43863 39570 31948 7622 143 7765 4731 26 44301 7791 17.59	2016 Totals	69149	0	8341	16945	43863	39570	31948	7622	143	7765	4731	26	44301	7791	17.59	1	1		
2015 Totals 68648 0 6149 24503 37996 33360 26792 6568 181 6749 4988 109 38348 6858 17.88	2015 Totals	68648	0	6149	24503	37996	33360	26792	6568	181	6749	4988	109	38348	6858	17.88				
2014 Totals 75852 24469 8253 26580 41019 40803 25086 15717 601 16318 1731 4 42534 16322 38.37	2014 Totals	75852	24469	8253	26580	41019	40803	25086	15717	601	16318	1731	4	42534	16322	38.37				
2013 Results 40219 0 1535 18442 20242 20269 17351 2918 369 3287 0 0 20269 3287 16.22	2013 Results	40219	0	1535	18442	20242	20269	17351	2918	369	3287	0	0	20269	3287	16.22				

### CERTIFICATE OF SERVICE

I, Sharon Ferguson, hereby certify that I have this day, served copies of the following document on the attached list of persons by electronic filing, certified mail, e-mail, or by depositing a true and correct copy thereof properly enveloped with postage paid in the United States Mail at St. Paul, Minnesota.

Minnesota Department of Commerce Comments

Docket No. P999/M-19-20

Dated this 7th day of May 2019

/s/Sharon Ferguson

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.st ate.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1800 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_19-20_PR-19-20
lan	Dobson		Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_19-20_PR-19-20
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_19-20_PR-19-20

U10036

Ace Telephone Association

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Houston MN 55943-0360

U10073

Arrowhead Communications Corp.

David Schornack 150 2nd Street SW Perham MN 56573

U10140

Benton Cooperative Telephone Company Cheryl L Scapanski General Manager

2220 125th St NW Rice MN 56367-9701

U10213

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U10738

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U10251

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U10643

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U10315

Eagle Valley Telephone Company

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U10325

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U10363

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Bellingham MN 56212

U10403

Alliance Communications Cooperative, Inc.

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U10077

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TDS Telecom 525 Junction Rd Madison WI 53717

U10149

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Blue Earth MN 56013-1309

U10215

Cannon Valley Telecom, Inc.

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U10935

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U10231

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U10248

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U10320

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U11037

Embarg Minnesota, Inc. dba CenturyLink

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U10366

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U10131

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U10156

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U10227

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U10640

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U10233

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U10303

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Charles Mattingly Owner

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U10323

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U10335

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U10367

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U10223

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U14006

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U10445

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U10465

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U10511

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U10590

Lonsdale Telephone Company

Bonnie Simon reg PO Box 358

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U13760

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U10736

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U10401

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U13089

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Kent Westphal

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U10295

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U10545

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U10724

Loretel Systems, Inc. David Schornack 150 2nd St SW

Perham MN 56573

U10658

Melrose Telephone Company dba Arvig Mark Birkholz Director of Southern Mark

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U10670

Midwest Telephone Company

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U10716

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U10785

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U10459

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U13543

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U10586

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U10755

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U10795

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U10796

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U10851

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U11089

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U10579

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