

**BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION  
SUITE 350  
121 SEVENTH PLACE EAST  
ST. PAUL, MINNESOTA 55101-2147**

Nancy Lange	Chair
Dan Lipschultz	Commissioner
Matthew Schuenger	Commissioner
Katie Sieben	Commissioner
John Tuma	Commissioner

**In the Matter of the Petition of CenturyLink  
QC to be Regulated Pursuant to Minn. Stat.  
§ 237.025; Competitive Market Regulation**

**DOCKET NO. P-421/AM-16-496  
DOCKET NO. P-421/AM-16-547**

**THIRD SUPPLEMENTAL AFFIDAVIT OF JOY GULLIKSON  
(Late filed)**

STATE OF MINNESOTA    )  
  ) ss.  
COUNTY OF RAMSEY    )

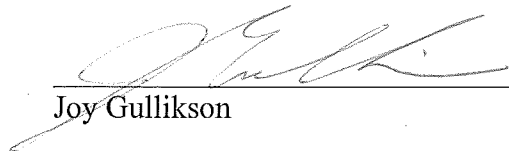
I, Joy Gullikson, having been duly sworn, state under oath as follows:

1. In order to fulfill its investigatory duties for the Public Utilities Commission, the Department offers this Third Supplemental Affidavit of Joy Gullikson.
2. On April 18, 2017, CenturyLink witness Al Lubeck sent a Revised Exhibit AL-8 to the Department which removed all entities identified as not serving (or minimally serving) in CenturyLink territory. Mr. Lubeck also sent a Revised Exhibit AL-10, which incorporated the results of Revised AL-8 into an analysis of the wireline criteria.
3. Attached hereto as Supplemental Attachment JG-5 is a modified version of the Revised Exhibit AL-10. Since Revised Exhibit AL-10 only reflected the wireline criteria, it does not give consideration to those exchanges that satisfy the 60% criterion with the wireless

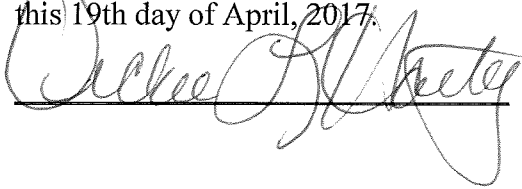
study. In Supplemental Attachment JG-5 I have added a column to show the results for indoor coverage of CenturyLink Witness Adam Nelson's wireless study.

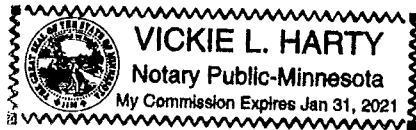
4. The seven wire centers highlighted in Supplemental Attachment JG-5 reflect where the "sixty percent test" has not been met, according to Revised Exhibit AL-10.

FURTHER YOUR AFFIANT SAYETH NOT.

  
Joy Gullikson

Subscribed and sworn to before me on  
this 19th day of April, 2017.





**Docket Nos. P-421/AM-16-496 P-421/AM-16-547  
Third Supplemental Gullikson Affidavit- Attachment JG-5**

CLLI	A Wire Center	B Exchange Service Area	C Total Households	D Largest Cable Provider - AL5	E Largest Other Wireline Voice Provider - AL8	F Overlap - Cable to Other Wireline Provider	G Largest wireline provider - Either D or E	H % Households with Largest Wireline Provider - G/C	I Total Competitive Providers D + E - F	J % Households with Wireline Available - I/C	K Indoor Wireless Coverage from Table 5, Nelson Aff.
MPLSMNPI	MPLS PILLSBURY	MINNEAPOLIS	30,486	30,485			30,485	100.0%	30,485	100.0%	
DLTHMNAF	DULUTH HEMLOCK	DULUTH	11,577	11,576			11,576	100.0%	11,576	100.0%	
MRRSMNMO	MORRIS	MORRIS	2,373	1,952	2,371	1,952	2,371	99.9%	2,371	99.9%	
MPLSMNFS	MPLS FT SNELLING	MINNEAPOLIS	1,914	1,912			1,912	99.9%	1,912	99.9%	
BLTNMNCE	BLOOMINGTON CEDAR	MINNEAPOLIS	3,984	3,975			3,975	99.8%	3,975	99.8%	
STPLMNBE	ST PAUL BEECH	ST PAUL	27,764	27,686			27,686	99.7%	27,686	99.7%	
NWBTMNCL	CLEVELAND	ST PAUL	17,640	17,589			17,589	99.7%	17,589	99.7%	
MPLSMNBB	MPLS BRYANT	MINNEAPOLIS	24,281	24,207			24,207	99.7%	24,207	99.7%	
BRCTMNBC	BROOKLYN CENTER	MINNEAPOLIS	20,905	20,840			20,840	99.7%	20,840	99.7%	
STPLMNEM	ST PAUL EMERSON	ST PAUL	20,234	20,155			20,155	99.6%	20,155	99.6%	
MPLSMNTF	MPLS 24TH AVE	MINNEAPOLIS	28,668	28,518			28,518	99.5%	28,518	99.5%	
MPLSMNGE	MPLS CENTRAL AVE	MINNEAPOLIS	22,546	22,426			22,426	99.5%	22,426	99.5%	
GDMRMNGM	GRAND MARAIS	GRAND MARAIS	1,463	705	1,455	705	1,455	99.5%	1,455	99.5%	
BLTNMNBSO	BLOOMINGTON SOUTH	MINNEAPOLIS	18,906	18,796			18,796	99.4%	18,796	99.4%	
DLTHMNDB	DULUTH DOUGLAS	DULUTH	2,268	2,254			2,254	99.4%	2,254	99.4%	
HPKNMNHO	HOPKINS	MINNEAPOLIS	26,280	26,113			26,113	99.4%	26,113	99.4%	
SHVWMNRI	SHOREVIEW-RICE ST.	ST PAUL	27,075	26,885			26,885	99.3%	26,885	99.3%	
NVRRMNNA	NAVARRE	NAVARRE	2,097	2,081		-	2,081	99.2%	2,081	99.2%	
WSPLMNWS	OAKDALE WEST	ST PAUL	31,285	31,022			31,022	99.2%	31,022	99.2%	
CRYSMNCR	CRYSTAL	MINNEAPOLIS	24,344	24,131			24,131	99.1%	24,131	99.1%	
STPLMNMI	ST PAUL MIDWAY	ST PAUL	23,770	23,561			23,561	99.1%	23,561	99.1%	
EDPRMNEP	EDEN PRAIRIE	MINNEAPOLIS	20,529	20,333			20,333	99.0%	20,333	99.0%	
RCFDMN66	MPLS 66TH ST	MINNEAPOLIS	19,569	19,360			19,360	98.9%	19,360	98.9%	
STPLMNMK	ST PAUL MARKET	ST PAUL	30,186	29,798			29,798	98.7%	29,798	98.7%	
MPLSMNBE	MPLS BEARD	MINNEAPOLIS	38,253	37,722			37,722	98.6%	37,722	98.6%	
STPLMNHBB	ST PAUL FRONT	ST PAUL	17,713	17,453			17,453	98.5%	17,453	98.5%	
MPLSMNPE	MPLS PENN	MINNEAPOLIS	10,026	9,875			9,875	98.5%	9,875	98.5%	
MPLSMNFR	MPLS FRANKLIN	MINNEAPOLIS	20,637	20,325			20,325	98.5%	20,325	98.5%	
MPWDMNMA	MAPLEWOOD	ST PAUL	35,945	35,315			35,315	98.2%	35,315	98.2%	
NSPLMNPR	PARK ROW	ST PAUL	24,518	24,069			24,069	98.2%	24,069	98.2%	
WBLKMNWB	WHITE BEAR LAKE	WHITE BEAR LAKE	26,931	26,415			26,415	98.1%	26,415	98.1%	
BLTNMNNO	BLOOMINGTON NORMAN	MINNEAPOLIS	11,366	11,148			11,148	98.1%	11,148	98.1%	
CNRPMNND	COON RAPIDS	MINNEAPOLIS	31,795	31,065			31,065	97.7%	31,065	97.7%	
CHSTMNCH	BASS BROOK(COHASSET)	BASS BROOK(COHASSET)	1,374	812	871	341	871	63.4%	1,342	97.7%	

Docket Nos. P-421/AM-16-496 P-421/AM-16-547  
 Third Supplemental Gullikson Affidavit- Attachment JG-5  
 Page 2 of 5

CenturyLink  
 Docket No. P-421/AM-16-496  
 April 18, 2017  
 Revised Exhibit AL-10, Page 2

CLLI	A Wire Center	B Exchange Service Area	C Total Households	D Largest Cable Provider - AL5	E Largest Other Wireline Voice Provider - AL8	F Overlap - Cable to Other Wireline Provider	G Largest wireline provider - Either D or E	H % Households with Largest Wireline Provider - G/C	I Total Competitive Providers D + E - F	J % Households with Wireline Available - I/C	K Indoor Wireless Coverage from Table 5, Nelson Aff.
MPLSMNDT	MPLS DOWNTOWN	MINNEAPOLIS	20,108	19,633			19,633	97.6%	19,633	97.6%	
CTGVMNCG	COTTAGE GROVE	ST PAUL	16,434	16,044			16,044	97.6%	16,044	97.6%	
PLMOMNFE	PLYMOUTH	MINNEAPOLIS	19,937	19,459			19,459	97.6%	19,459	97.6%	
GLVYMNOR	ORCHARD	MINNEAPOLIS	28,134	27,381			27,381	97.3%	27,381	97.3%	
TOFTMNTB	TOFTE	TOFTE	440	-	427		427	97.0%	427	97.0%	
DLTHMNME	DULUTH MELROSE	DULUTH	13,970	13,541			13,541	96.9%	13,541	96.9%	
BLANMNBL	BLAINE	MINNEAPOLIS	33,666	32,617			32,617	96.9%	32,617	96.9%	
ROCHMNRO	ROCHESTER	ROCHESTER	49,925	48,329	2,229	2,229	48,329	96.8%	48,329	96.8%	
NSSWMNNI	NISSWA	NISSWA	2,084	2,015	1,381	1,381	2,015	96.7%	2,015	96.7%	
MPLSMN07	MPLS 7TH AVE	MINNEAPOLIS	15,139	14,580			14,580	96.3%	14,580	96.3%	
WLMRMNWI	WILLMAR	WILLMAR	8,976	8,641			8,641	96.3%	8,641	96.3%	
FRDLMNFR	FRIDLEY	MINNEAPOLIS	12,381	11,871			11,871	95.9%	11,871	95.9%	
EAGNMNLB	EAGAN-LEXINGTON	EAGAN-LEXINGTON	30,724	29,169			29,169	94.9%	29,169	94.9%	
ANOKMNAN	ANOKA	ANOKA	31,088	29,389			29,389	94.5%	29,389	94.5%	
FRFLMNFB	FERGUS FALLS	FERGUS FALLS	8,150	6,195	7,670	6,175	7,670	94.1%	7,690	94.4%	
AFTNMNAF	AFTON	ST PAUL	9,570	9,024			9,024	94.3%	9,024	94.3%	
WINOMNWI	WINONA	WINONA	13,605	12,769	111	111	12,769	93.9%	12,769	93.9%	
RDFLMNRA	RDWD FALLS-MORTON	REDWOOD FALLS-MORTON	2,496	2,281	2,093	2,060	2,281	91.4%	2,314	92.7%	
WBSHMNWA	WABASHA	WABASHA	1,826	1,256	1,650	1,219	1,650	90.4%	1,687	92.4%	
GDRPMNGR	GRAND RAPIDS	GRAND RAPIDS	8,522	6,486	6,827	5,447	6,827	80.1%	7,866	92.3%	
FRLKMNFL	FOREST LAKE	FOREST LAKE	9,447	8,703			8,703	92.1%	8,703	92.1%	
STWRMNST	STILLWATER	STILLWATER	14,167	13,034			13,034	92.0%	13,034	92.0%	
PKRPMNPR	PARK RAPIDS	PARK RAPIDS	4,869	3,024	2,054	601	3,024	62.1%	4,477	91.9%	89.7%
ALLEMNAL	ALBERT LEA	ALBERT LEA	8,725	7,947	3,702	3,702	7,947	91.1%	7,947	91.1%	
BFLOMNBU	BUFFALO	BUFFALO	7,733	6,982			6,982	90.3%	6,982	90.3%	
DTLKMNDL	DETROIT LAKES	DETROIT LAKES	7,305	6,302	3,255	2,962	6,302	86.3%	6,595	90.3%	
EXCLMNEX	EXCELSIOR	EXCELSIOR	12,524	11,230			11,230	89.7%	11,230	89.7%	
MRSHMNMA	MARSHALL	MARSHALL	6,056	5,423			5,423	89.5%	5,423	89.5%	
STCDMNTO	ST CLOUD	ST CLOUD	47,342	42,203			42,203	89.1%	42,203	89.1%	
EDPRMNGP	GLEN PRAIRIE	MINNEAPOLIS	19,897	17,356			17,356	87.2%	17,356	87.2%	
FNLDMNFO	FINLAND	SILVER BAY	308	-	268		268	87.0%	268	87.0%	
TRFLMNTH	THIEF RIVER FALLS	THIEF RIVER FALLS	5,502	4,769			4,769	86.7%	4,769	86.7%	
HBNGMNHI	HIBBING	HIBBING	7,871	6,808			6,808	86.5%	6,808	86.5%	
RDWNMNRW	RED WING	RED WING	8,187	7,005	721	721	7,005	85.6%	7,005	85.6%	

Docket Nos. P-421/AM-16-496 P-421/AM-16-547  
 Third Supplemental Gullikson Affidavit- Attachment JG-5  
 Page 3 of 5

CenturyLink  
 Docket No. P-421/AM-16-496  
 April 18, 2017  
 Revised Exhibit AL-10, Page 3

CLLI	A Wire Center	B Exchange Service Area	C Total Households	D Largest Cable Provider - AL5	E Largest Other Wireline Voice Provider - AL8	F Overlap - Cable to Other Wireline Provider	G Largest wireline provider - Either D or E	H % Households with Largest Wireline Provider - G/C	I Total Competitive Providers D + E - F	J % Households with Wireline Available - I/C	K Indoor Wireless Coverage from Table 5, Nelson Aff.
AUSTMNAB	AUSTIN	AUSTIN	12,229	10,382			10,382	84.9%	10,382	84.9%	
CSSLMNCL	CASS LAKE	CASS LAKE	1,671	451	1,368	404	1,368	81.9%	1,415	84.7%	
OWTNMNOW	OWATONNA	OWATONNA	12,285	10,037	6,170	5,823	10,037	81.7%	10,384	84.5%	
EKRVMNER	ELK RIVER	ELK RIVER	14,140	11,792			11,792	83.4%	11,792	83.4%	
GLWDMNGL	GLENWOOD	GLENWOOD	1,701	1,406			1,406	82.7%	1,406	82.7%	
NRFDMNNO	NORTHFIELD	NORTHFIELD	9,145	7,389	1,964	1,796	7,389	80.8%	7,557	82.6%	
SKCTMNSC	SAUK CENTRE	SAUK CENTRE	3,102	2,437	253	135	2,437	78.6%	2,555	82.4%	
VRGNMNV	VIRGINIA	VIRGINIA	7,141	5,859			5,859	82.0%	5,859	82.0%	
BRVLMNBU	BURNSVILLE	MINNEAPOLIS	19,797	16,130			16,130	81.5%	16,130	81.5%	
CLDNMNCA	CALEDONIA	CALEDONIA	1,877	1,336	1,481	1,294	1,481	78.9%	1,523	81.1%	
MTIRMNMI	MOUNTAIN IRON	MOUNTAIN IRON	471	382			382	81.1%	382	81.1%	
SLBAMNSA	SILVER BAY	SILVER BAY	1,054	725	816	696	816	77.4%	845	80.2%	
BRNRMNBR	BRAINERD	BRAINERD	14,609	11,665			11,665	79.8%	11,665	79.8%	
STVLMNST	STEWARTVILLE	STEWARTVILLE	3,204	2,539			2,539	79.2%	2,539	79.2%	
CKTNMNCR	CROOKSTON	CROOKSTON	3,752	2,968			2,968	79.1%	2,968	79.1%	
APPLMNAP	APPLETON	APPLETON	802	633			633	78.9%	633	78.9%	
WNDMMNWI	WINDOM	WINDOM	2,593	-	2,043		2,043	78.8%	2,043	78.8%	
HAMLMNHB	HAMEL	HAMEL	3,481	2,735			2,735	78.6%	2,735	78.6%	
STPRMNSP	ST PETER	ST PETER	5,798	4,456	3,422	3,324	4,456	76.9%	4,554	78.5%	
WASCMNWA	WASECA	WASECA	4,754	3,720	3,582	3,574	3,720	78.2%	3,728	78.4%	
ORVLMNOR	ORTNVL-BIG STONE	ORTONVILLE-BIG STONE	1,138	882			882	77.5%	882	77.5%	
DLTHMNCB	DULUTH CALUMET	DULUTH	8,381	6,477			6,477	77.3%	6,477	77.3%	
PPSTMNPI	PIPESTONE	PIPESTONE	2,313	1,786			1,786	77.2%	1,786	77.2%	
STJSMNSJ	ST JOSEPH	ST JOSEPH	3,207	2,452			2,452	76.5%	2,452	76.5%	
MTVDMNMO	MONTEVIDEO	MONTEVIDEO	3,214	2,433			2,433	75.7%	2,433	75.7%	
HWLYMNHA	HAWLEY	HAWLEY	1,238	935			935	75.5%	935	75.5%	
FRBLMNFA	FARIBAULT	FARIBAULT	11,081	8,307	8,106	8,052	8,307	75.0%	8,361	75.5%	
BMDJMNBE	BEMIDJI	BEMIDJI	11,812	4,700	6,496	2,291	6,496	55.0%	8,905	75.4%	92.0%
AVONMNVO	AVON	AVON	1,106	833			833	75.3%	833	75.3%	
CHSHMNCS	CHISHOLM	CHISHOLM	3,064	2,303			2,303	75.2%	2,303	75.2%	
MOLKMNML	MOOSE LAKE	MOOSE LAKE	1,489	1,117			1,117	75.0%	1,117	75.0%	
OLIVMNOL	OLIVIA-BIRD ISLD	OLIVIA-BIRD ISLAND	1,966	1,473			1,473	74.9%	1,473	74.9%	
LVRNMNLU	LUVERNE	LUVERNE	2,649	1,974			1,974	74.5%	1,974	74.5%	
SHKPMNSH	SHAKOPEE	SHAKOPEE	19,985	14,853			14,853	74.3%	14,853	74.3%	

**Docket Nos. P-421/AM-16-496 P-421/AM-16-547  
Third Supplemental Gullikson Affidavit- Attachment JG-5**

CLLI	A Wire Center	B Exchange Service Area	C Total Households	D Largest Cable Provider - AL5	E Largest Other Wireline Voice Provider - AL8	F Overlap - Cable to Other Wireline Provider	G Largest wireline provider - Either D or E	H % Households with Largest Wireline Provider - G/C	I Total Competitive Providers D + E - F	J % Households with Wireline Available - I/C	K Indoor Wireless Coverage from Table 5, Nelson Aff.
BTLKMNBA	BATTLE LAKE	BATTLE LAKE	1,409	953	585	501	953	67.6%	1,037	73.6%	
WADNMNWA	WADENA	WADENA	2,795	2,049			2,049	73.3%	2,049	73.3%	
JCSNMNJA	JACKSON	JACKSON	2,174	-	1,585		1,585	72.9%	1,585	72.9%	
CLSPMNCB	COLD SPRING	COLD SPRING	2,622	1,901			1,901	72.5%	1,901	72.5%	
CLQTMNCA	CLOQUET	CLOQUET	8,565	6,119			6,119	71.4%	6,119	71.4%	
LTFDMNLI	LITCHFIELD	LITCHFIELD	4,296	2,863	2,889	2,715	2,889	67.2%	3,037	70.7%	
LTFMLNLF	LITTLE FALLS	LITTLE FALLS	5,950	4,202			4,202	70.6%	4,202	70.6%	
GYLRMNGA	GAYLORD	GAYLORD	1,178	827			827	70.2%	827	70.2%	
STCHMNSC	ST CHARLES	ST CHARLES	2,619	1,698	413	283	1,698	64.8%	1,828	69.8%	
SDVLMNSO	SODERVILLE	ANOKA	10,670	7,297			7,297	68.4%	7,297	68.4%	
EVLTMNEV	EVELETH	VIRGINIA	3,500	2,386			2,386	68.2%	2,386	68.2%	
DLTHMNLA	DULUTH LAKESIDE	DULUTH	6,064	3,989			3,989	65.8%	3,989	65.8%	
TRACMNTR	TRACY	TRACY	1,250	821			821	65.7%	821	65.7%	
LESRMNLS	LE SUEUR	LE SUEUR	2,528	1,659			1,659	65.6%	1,659	65.6%	
HNGMNH	HENNING	HENNING	907	594			594	65.5%	594	65.5%	21.9%
NCLTMNNC	NICOLLET	NICOLLET	670	-	430		430	64.2%	430	64.2%	
CTFDMNCH	CHATFIELD	CHATFIELD	1,839	1,168			1,168	63.5%	1,168	63.5%	
NBRNMNNB	NORTH BRANCH	NORTH BRANCH	5,408	3,432			3,432	63.5%	3,432	63.5%	
RCFRMNRO	ROCKFORD	ROCKFORD	2,961	1,879			1,879	63.5%	1,879	63.5%	
WYZTMNWA	WAYZATA	WAYZATA	15,839	9,897			9,897	62.5%	9,897	62.5%	
OKGVMNOG	OAK GROVE	ANOKA	8,125	4,903			4,903	60.3%	4,903	60.3%	
CMBRMNCA	CAMBRIDGE	CAMBRIDGE	6,200	3,546			3,546	57.2%	3,546	57.2%	87.0%
SPLSMNST	STAPLES	STAPLES	2,412	1,269	167	68	1,269	52.6%	1,368	56.7%	54.8%
HNVRMNH	HANOVER	HANOVER	1,295	734			734	56.7%	734	56.7%	
ISNTMNIS	ISANTI	ISANTI	5,183	2,775			2,775	53.5%	2,775	53.5%	68.3%
MHNMMNMA	MAHNOMEN	MAHNOMEN	1,428	764	422	422	764	53.5%	764	53.5%	85.5%
CLRNMNCO	COLERAINE	COLERAINE	2,200	775	646	252	775	35.2%	1,169	53.1%	76.1%
SABNMNSA	SABIN	SABIN	658	337			337	51.2%	337	51.2%	23.8%
SNDSMNNSA	SANDSTONE	SANDSTONE	1,337	682			682	51.0%	682	51.0%	88.5%
FOLYMNFO	FOLEY	FOLEY	2,042	991			991	48.5%	991	48.5%	93.6%
GLVLMNGL	GLENVILLE	GLENVILLE **	768	-	330		330	43.0%	330	43.0%	
PNCYMNPC	PINE CITY	PINE CITY	3,873	1,846			1,846	47.7%	1,846	47.7%	89.9%
RSCYMNRC	RUSH CITY	RUSH CITY	1,947	912			912	46.8%	912	46.8%	90.5%
HLFRMNCO	HOLDINGFORD	HOLDINGFORD	930	383			383	41.2%	383	41.2%	56.4%

Docket Nos. P-421/AM-16-496 P-421/AM-16-547  
 Third Supplemental Gullikson Affidavit- Attachment JG-5  
 Page 5 of 5

CenturyLink  
 Docket No. P-421/AM-16-496  
 April 18, 2017  
 Revised Exhibit AL-10, Page 5

CLLI	A Wire Center	B Exchange Service Area	C Total Households	D Largest Cable Provider - AL5	E Largest Other Wireline Voice Provider - AL8	F Overlap - Cable to Other Wireline Provider	G Largest wireline provider - Either D or E	H % Households with Largest Wireline Provider - G/C	I Total Competitive Providers D + E - F	J % Households with Wireline Available - I/C	K Indoor Wireless Coverage from Table 5, Nelson Aff.
BWBKMNB	BIWABIK	BIWABIK	1,213	499			499	41.1%	499	41.1%	36.4%
PRTNMNPR	PRINCETON	PRINCETON	6,858	2,787			2,787	40.6%	2,787	40.6%	86.8%
HNCKMNH	HINCKLEY	HINCKLEY	2,054	833			833	40.6%	833	40.6%	95.5%
DLTHMNPL	DULUTH PIKE LAKE ***	DULUTH	4,616	1,594			1,594	34.5%	1,594	34.5%	44.4%
RYTNMNRN	ROYALTON	ROYALTON	1,327	447			447	33.7%	447	33.7%	97.4%
BRHMMNBR	BRAHAM	BRAHAM	2,456	741			741	30.2%	741	30.2%	88.6%
COOKMNCO	COOK	COOK	1,030	304			304	29.5%	304	29.5%	8.7%
MORAMNMO	MORA	MORA	4,813	1,396			1,396	29.0%	1,396	29.0%	75.0%
NSHWMNNA	NASHWAUK	NASHWAUK	1,465	421			421	28.7%	421	28.7%	62.7%
CRTOMNCB	CARLTON	CARLTON	1,631	464			464	28.4%	464	28.4%	65.1%
BRNMMNBA	BARNUM	BARNUM	1,379	203			203	14.7%	203	14.7%	73.7%
OGVLMNOA	OGILVIE	OGILVIE	948	130			130	13.7%	130	13.7%	92.4%
BUHLMNBU	BUHL	BUHL	747	75			75	10.0%	75	10.0%	90.1%
MRBLMNMA	MARBLE	MARBLE	687	39			39	5.7%	39	5.7%	63.0%
CMSTMNCO	COMSTOCK	COMSTOCK	156	-			-	0.0%	-	0.0%	71.0%
ISLKMNIL	ISLAND LAKE ***	DULUTH	1,656	-			-	0.0%	-	0.0%	73.3%
KEWTMNKE	KEEWATIN	KEEWATIN	518	-			-	0.0%	-	0.0%	100.0%
SWVLMNSV	SWANVILLE	SWANVILLE	426	-			-	0.0%	-	0.0%	87.9%

Wire Centers with over 60% Coverage	123
Wire Centers with less than 60% Coverage	30
Exchanges with less than 60% Coverage (2 wire centers are in the Duluth exchange)	29

\*\* The Glenville exchange is also partially served by Winnebago Cooperative

\*\*\* Department note: part of the Duluth exchange