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Goodhue, MN 55027
651.923.5005

235 Franklin St SW
Hutchinson, MN 55350
320.587.2323

421 S CSAH 34
Litchfield, MN 55355
320.593.2323

4690 Colorado St SE
Prior Lake, MN 55372
952.226.7000

137 E 2nd St
Redwood Falls, MN 56283
507.627.4111

121 Second Ave NW
Sleepy Eye, MN 56085
507.794.3361

22 S Marshall Ave
Springfield, MN 56087
507.723.4211

Nuvera TechTrends

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Nuvera Gig Cities project connects communities with NuFiber to the home

Nuvera Gig Cities initiative was announced late last year, and now that spring has arrived and construction season is in full swing, crews have started laying the groundwork to bring NuFiber to homes in several communities.

Construction crews are actively working in the New Ulm, Glencoe, Prior Lake, Goodhue, Welch, and Aurelia project areas. Nuvera representatives are currently

in Hutchinson, Litchfield, Springfield, Sleepy Eye, Prior Lake, Elko New Market, Webster, and Mazeppa collecting the necessary data for our engineers to use in designing those NuFiber project areas. Shortly after the design of a project area is complete, actual construction in that region is scheduled to commence.

Nuvera's goal is to expand our NuFiber network to our targeted locations over the next two to three years. We've been busy over the winter months meeting with contractors and designing our construction strategy. We are just beginning our initial phase of building and deployment.

Learn more about Nuvera Gig Cities initiative and find out if there is already fiber in your neighborhood at NuveraGigCities.com. ♦



A kick-off event was held this spring to mark the beginning of the construction season. Pictured are (l-r): Nuvera CEO Glenn Zerbe, New Ulm Mayor Terry Sveine, New Ulm Chamber Vice President Jenny Eckstein, New Ulm City Councilor Dave Christian; Nuvera Director of Network Operations Larry Shepard; Jamie Kremer, Sr. Project Manager, Finley Engineering Co.; and Jason Kruger, President, Oddson Underground, Inc.



Nuvera employees raised \$460 to create cancer care bags, which were donated to Allina Health Cancer Institute—New Ulm in April. The bags included items to cheer patients as they go through their cancer treatments, including: Amazon gift cards, coloring books, marker sets, lemon drops, gum, mints, socks, lip balms, notebooks, pens, and lotions. Pictured (l-r): Kris Edwards, RN, Allina; Sarah Swanson-Cullen, Nuvera; and Vicky Beltz, RN, Allina.

What exactly is 5G internet and how is that different from Nuvera's Fiber internet?

You may have heard the buzz about 4G/5G from wireless phone companies. They have begun selling home internet services promising easy setup, low prices and fast speed.

What is 5G?

Gig is the fastest internet speed you can get. But 5G isn't 5 Gigs, it stands for 5th Generation cellular network. Essentially, home 5G service runs over the same network as cell phones. The most universally served low band 5G will provide speeds of about 25 to 100 Mbps. The high band may offer speeds up to 2 Gbps but is restricted by the fact that the signal bounces between local 5G transmitters to deliver gigabit speeds. Both distance and interference can noticeably reduce the efficacy of the signal. Nuvera's 1 Gig is equivalent to 10,000 Mbps and runs on a reliable, dedicated fiber line.

The 4G/5G cellular wireless connection is a shared connection. When traffic

is busy on the wireless network, the internet connection gets slower. Wireless internet users can encounter buffering and slowdowns if the network use is high. Additionally, wireless network internet speed can depend on signal strength and availability, time of day, location and other factors.

Why Fiber is Better

Fiber connections are dedicated connections. The speed is reliable, robust and seamless for a home or business with multiple users.

Nuvera's Gig fiber internet is already available in several Nuvera communities, with aggressive expansion plans reaching many more customers in 2022 and beyond. Learn more at [NuveraGigCities.com](https://www.NuveraGigCities.com). ♦

Sources:

<https://www.gigabitnow.com/fullerton/news/why-is-fiber-internet-better-than-5g>

<https://www.pcmag.com/reviews/t-mobile-home-internet>

Don't miss these great Nuvera Wireless offers

\$400

New Customer Device Credit

\$300

Customer Upgrade Credit

\$200

Bring Your Own Device (BYOD) Credit for New Customers

[nuverawireless.com](https://www.nuverawireless.com)

Nuvera
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Offer good through 6/30/22. Customer gets a \$400 credit on any new 4G/5G smartphone. Cannot be combined with other promotions nor used on plans 300 minutes or lower. Other exclusions may apply.

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eCycling – Why recycle electronic waste?

Recycling has been around for decades, and it seems obvious why it's an important step to take for the health of the planet. However, it turns out eCycling (Electronic Recycling) is just as critical for the environment and economy.

E-waste contains precious metals and materials that can all be recovered when recycled, such as tin, nickel, zinc, aluminum, copper, silver, gold and plastic. Recycling these materials puts them back into circulation to make new products, reducing dependence on new materials.

The benefits of eCycling include:

- A cleaner environment – reducing the amount of materials that end up in landfills and therefore reducing environmental pollution caused by the toxins.
- A boost to the economy – the production costs of these electronic items are reduced when materials are recycled rather than created from scratch.
- Stretching finite resources – re-using these materials reduces the need to create them from new, cutting back on resources and energy required for initial production.



More than 4 billion pounds of consumer electronics (CE) have been recycled since 2010 through the eCycling Leadership Initiative (ELI). ♦

Sources:

[Recyclingtoday.com](https://www.Recyclingtoday.com)

[Ecycle.com.au](https://www.Ecycle.com.au)

[Techdump.org](https://www.Techdump.org)

If you are interested in purchasing Nuvera Communications, Inc. stock (NUVR), please contact our corporate office.