GIG TANK™

2014 PROGRAM
SMART GRID

America's first startup accelerator for the smart grid industry

GIGTANK is a startup accelerator located in Chattanooga, TN – home to **America's fastest Internet** and the nation's most advanced smart grid network. With a 100% fiber optic communications network working right in our own backyard, we're inviting entrepreneurs to join us in building a smarter, more connected future today.

GIGTANK: Building the smart grid future *faster*

With the launch of our Smart Grid track, GIGTANK is America's first accelerator to focus on advancing commercial opportunities in the smart grid market – a rapidly-growing, multi-billion dollar industry. The program is designed for entrepreneurs with next-generation business ideas in smart grid development and electric power distribution, among other areas of potential.

Why GIGTANK?

With support from EPB, GIGTANK will provide Smart Grid teams access to Chattanooga's $300 million fiber optic network and smart grid, as well as a robust network of industry experts and billions of points of anonymized data. The full GIGTANK experience will connect Smart Grid startups and specialists with:

- $15,000 in initial seed funding
- Free housing throughout the duration of the program, courtesy of the University of Tennessee at Chattanooga
- Collaborative workspace
- Opportunities to test applications on America's most advanced smart grid
- Billions of points of anonymized data, including waveform, voltage and usage data
- Industry experts, specialists and mentors in smart grid engineering, IT and technology, as well as electric power distribution in general
- Select contacts within EPB's major partner network
- Opportunities to attract additional investment capital from a large pool of investors
- A chance to be selected to participate in a cross-country investment tour, which will cover strategic locations such as Silicon Valley and New York City

Just how advanced is Chattanooga's smart grid?

Unlike all other smart grids, Chattanooga's network blends the following features and functionalities:

- Is intelligent, self-healing and interactive
- Uses a 100% fiber optic network as its communications backbone, allowing **connected devices** to communicate with one another in 5 milliseconds round trip

HOSTED BY THE COMPANY LAB
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GIG CITY™
CHATTANOOGA TN

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- Uses thousands of sensors and devices to monitor, manage and react to system interference in near-real time
- Collects billions of data points which can be used to improve service offerings
- Covers a 600-square-mile service territory including rural and urban areas

Who's Qualified?

We're looking for bright people from diverse backgrounds who can use Chattanooga's advanced smart grid and its architects to build, test and refine new applications.

GIGTANK startups and specialists may have interests in:

- Data management and analytics
- Predictive analysis
- Sustainable energy
- Demand response
- Load flow analysis
- Loss minimization verification
- Grid management
- Storage
- Utility customer-facing applications
- Distributed generation
- Smart/Connected home products/applications
- Any combination of the above

...or questions like:

- How might we use data to predict system failures before they happen?
- How might we use technology to make energy savings measures more attractive to utility customers?
- How might we use smart grid data to minimize system losses?
- How might we integrate distributed generation to improve reliability and reduce peak?
- How might we offer new products and options for customers to enhance the comfort, convenience and productivity made available by access to electric power?
- ...as well as those we haven't yet thought to ask!

Our ideal applicants may range anywhere from data analytics startups to interns in the smart grid vendor industry to university-level entrepreneurs or researchers studying smart grid development.

Not sure if you fit the bill? Don't count yourself out just yet. **Our doors are open to your ideas.** If you have a stellar concept and a solid team, let us know and we'll do our best to make a place for you in our program.

Apply before March 14, 2014 at thegigtank.com

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