



IMPROVE GRID RESILIENCE AND ENERGY EQUITY

Additional Smart Grid Grant Money Available

Don't miss the opportunity for once-in-a-lifetime government co-funding for grid infrastructure under the IIJA and IRA! Quanta Technology is partnering with utilities and other stakeholders to help to effectively modernize your critical infrastructure. The [Bipartisan Infrastructure Law \(BIL\)](#) provision 40107 subsidizes a broader suite of grid enhancing technologies that will

- +** **increase capacity** of the existing transmission system
- +** **prevent faults** that may lead to wildfires or other system disturbances
- +** **integrate increasing renewable resources**
- +** **deploy technologies** that better able monitor and analyze the impact of transportation and building electrification on the grid.¹



Provision 40107 funds the Grid Resilience and Innovation Partnership Program (GRIP) to enhance grid flexibility and improve the resilience of the power system against the increasing threats from extreme weather and climate change.

Highlights^{1,2}



\$10.5 B
Bipartisan Infrastructure Law (BIL) appointed funding



\$3 B
total funding
\$2 B
first award cycle



Up to \$30 M
per award



40% of funding
targets disadvantaged
communities
(Justice40 initiative)

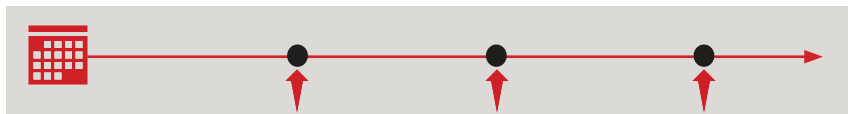


Eligible entities

- Higher education
- For-profit
- Non-profit
- State and local governments
- Tribal nations.



50%
minimum
non-Federal
cost share



FY22-26
funding time frame

Oct.-Dec. 2022	Jan.-Mar. 2023	Apr.-May 2023
<ul style="list-style-type: none"> • RFI due October 14 • Official FOA release 	<ul style="list-style-type: none"> • Concept paper submission due • Application due 	<ul style="list-style-type: none"> • Grant awards announced • Awards disbursement

Sources:

¹ [Bipartisan Infrastructure Law](#)

² SCE Advanced Grid Monitoring Power-Point September 29, 2022.

CONTACT US:

919-334-3000

quanta-technology.com

info@quanta-technology.com

[LinkedIn.com/company/quanta-technology](https://www.linkedin.com/company/quanta-technology)

Proposal Evaluation²

The proposals will be evaluated using the following criteria:



+ Impact, transformation, and technical merit (50%)

- Exhibited enhancement of smart grid functions (e.g., two-way power flow, “grid-edge” devices, analytics)
- Reducing impacts from innovative technology risks and further deployment at-scale
- Support for local or regional energy strategies (e.g., resilience and decarbonization)
- Proven feasibility for project execution.



+ Project plan and financial feasibility (20%)

- Defined approach of critical path that presents how that work plan will achieve project’s goals
- Identification of risks and mitigation strategies to address
- Definitive baseline metrics/milestones and a plan for show interim deliverables and progress
- Ability to financially support matching requirements.



+ Management team and project partners (10%)

- Ability of the project management organization to manage the project with a high probability of success
- Qualifications and expertise of the identified management team to execute relevant project work
- Level of participation by team, partners, and vendors as evidenced by letters of commitment and integration with project plan
- Clarity and appropriateness of team members.



+ Community benefit (20%)

- Ability to accomplish Department of Energy’s four primary goals:
1. Meaningful community and labor engagement
 2. Investment in U.S. workforce
 3. Advance diversity, equity, and inclusion, and accessibility
 4. Contribute to the goal that 40% of the project’s benefits are allocated to disadvantaged communities

Why Choose Quanta Technology?

Quanta Technology is an independent technology, consulting, and testing company providing business and technical expertise, along with advanced methodologies and processes, to utilities and others in the power and energy industries. Our mission is to provide unparalleled value to our clients in every engagement across the value chain by using advanced software and hardware, laboratories, and custom tools for a holistic approach to practical service and the most insightful thought leadership in the industry. **Contact us today to learn how your company may benefit from this legislation.**


Quanta Technology, LLC.
4020 Westchase Blvd.
Raleigh, North Carolina 27607

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Document number: QTECH-FL-46-V1-12-22

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CONTACT US:

 919-334-3000

 [quanta-technology.com](https://www.quanta-technology.com)

 info@quanta-technology.com

 [LinkedIn.com/company/quanta-technology](https://www.linkedin.com/company/quanta-technology)