



# New Energy Microgrid Project Approval

Will the energy grid become a grid of microgrids?

Some energy futurists see the grid eventually becoming a grid of microgrids. For now, the concept of connecting microgrids is still in its infancy. The most notable is a project underway by Commonwealth Edison in the Bronzeville area of Chicago. The project featured here, a community being developed by KB Home, is also worth watching.

What is a microgrid strategy?

The Strategy development process began with microgrid experts deliberating on areas the Strategy should focus on for impactful results in key metrics, such as reliability, resilience, decarbonization, and affordability, in the next five to ten years.

Could microgrids be an alternative to grid resilience upgrades?

The company is considering microgrids as an alternative to part of \$9.6 billion in grid resilience upgrades. One project under consideration is a 17.5-MW microgrid connected to a utility substation that would serve 30 industrial companies, about 70 government entities, about 300 commercial businesses and about 2,200 residential customers. 5.

Can microgrids use EVs as energy resources?

An example is a pilot project for a California library announced by Schneider Electric and several partners. It's nothing new for microgrids to include EV charging stations. But it is unusual for microgrids to use charged EVs as energy resources -- as power sources. Even more unusual is the use of hydrogen-electric buses.

When will the PG&E microgrid start operating?

The microgrid, proposed to regulators last December, is expected to begin operating in 2024 for a planned period of 10.5 years. Unlike the traditionally-used diesel generators, this project will lead to no emissions of criteria air pollutants, PG&E noted in its December letter to the commission.

What are some of the newest microgrid projects in Chicago?

The most notable is a project underway by Commonwealth Edison in the Bronzeville area of Chicago. The project featured here, a community being developed by KB Home, is also worth watching. It is designed so that each home has its own nanogrid that is connected to a central microgrid.

In August 2013, the Energy Department announced partnering with the State of New Jersey, NJ Transit, and the New Jersey Board of Public Utilities to assess NJ Transit's energy needs and ...

A Historic Milestone: ERCIP Approval. Because of these new type of demonstration projects, USARCENT holds a unique distinction: it's the first Energy Resiliency Conservation Investment Program, or ...



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Modernizing energy delivery At a ribbon cutting held on Sept. 6, officials from Sandia, Kirtland Air Force Base (KAFB), and Emera Technologies were joined by representatives from the city of ...

California regulators voted to approve an innovative long-duration energy storage microgrid project that pairs batteries with green hydrogen in a bid to mitigate outages.. The California Public Utilities Commission approved the ...

1 ??&#0183; The World Bank has approved the National Energy Access Transformation (NEAT) Project, a \$204 million initiative that will improve the lives of over 400,000 Papua New ...

"Energy Vault is pleased with the CPUC"s approval of our innovative microgrid project with PG& E in Calistoga," Marco Terruzzin, Energy Vault"s chief commercial and product officer, said in ...

FEMA already funding solar microgrids in Puerto Rico. While this is the first time FEMA Public Assistance grant funds have been made available for net-zero projects, this isn"t the agency"s first foray into renewables-based ...

TAMPA, Fla. - May 16, 2022 - Emera Technologies announced today that utility Tampa Electric Company (TECO) has successfully purchased, installed and received regulatory approval for ...

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