



Where to find microgrid data

Where are microgrids commonly located?

More than 50% of operational microgrids are located in states on the East Coast and West Coast of the United States. Regional hot spots include California, the Northeast, and Alaska.

What is the microgrid installation database?

The Microgrid Installation Database includes a comprehensive listing of the U.S.'s 461 operational microgrids that provide a total of 3.1 gigawatts of reliable electricity. The information, which is updated on a monthly basis, is presented in a tabular format to help users easily access and sort data. The site features:

What is the microgrids tracker?

The Microgrids Tracker compiles data on known grid-tied and remote microgrid projects in the proposal, planning, and deployed stages across six regions worldwide. It covers seven market segments: commercial and industrial, community, utility distribution, institutional/campus, military, remote, and direct current.

What is a microgrid and how does it work?

A microgrid is a network of distributed energy resources and loads that can disconnect and re-connect to the larger utility grid as a single entity, allowing the connected loads to be served during utility outages. Microgrids can also be found in remote locations where they may not be connected to a larger grid.

How much does a microgrid cost?

The analysis shows that controller costs per megawatt range from \$6,200/MW to \$470,000/MW, excluding outliers, with a mean of \$155,000/MW for the microgrids in the database. In total, controller cost data was available for 21 microgrids out of a total of 80 projects in the Phase I Microgrid Cost Study by NREL.

Where is the UC San Diego microgrid located?

MICROGRID OVERVIEW The core content of this paper is the power generation, consumption, and storage data from parts of the UC San Diego microgrid. The microgrid serves the main campus at 9500 Gilman Drive, La Jolla, California 92093, and includes the Scripps Institution of Oceanography.

The Microgrid Installation Database contains a comprehensive listing of operational microgrid installations throughout the country. ICF tracks microgrids according to the DOE definition: a network of distributed energy resources and ...

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