

## Siemens' software enables distribution utilities to gain visibility of behind the meter DERs, essential for grid decarbonization

- **Siemens' next generation grid management software, Gridscale X™ DER Insights, supports goal to achieve net-zero emissions in the US by 2050**
- **The software provides better visibility of behind the meter distributed energy resources (DERs) and their impact on the grid**
- **These insights are critical for better grid planning and asset health, and ensuring the success of customer programs**
- **Gridscale X DER Insights is part of the Siemens Xcelerator portfolio**

Siemens has announced its latest Gridscale X software offering enabling distribution utilities to gain better visibility and insights of distributed energy resources (DERs) behind the meter to increase grid capacity. With the rising number of DERs, this causes operational challenges for distribution networks not originally designed to operate with these resources. Gaining insights into where they are and how DERs are operating is a critical first step in addressing the problems and subsequently taking advantage of these resources for grid optimization.

[Gridscale X DER Insights](#) addresses the unforeseen consequences that DERs have on the grid's stability, by providing better insights into what is happening behind the meter and how this impacts the grid. It is part of Siemens Xcelerator, an open digital business platform that enables customers to accelerate their digital transformation more easily, faster and at scale.

By unlocking visibility over the distribution grid, Gridscale X DER Insights enables users to prioritize upgrades, optimize investments and reduce costs by leveraging DER flexibility to get the most out of the grid, increasing capacity and thus accelerating the path to net zero.

**Siemens AG**  
Communications  
Head: Lynette Jackson

Werner-von-Siemens-Straße 1  
80333 Munich  
Germany

The cloud technology, which is available as SaaS (Software-as-a-Service) can be seamlessly deployed and integrated into the existing system landscape of utilities.

“With the electrification of everything and the exponential growth of DERs, there is an urgent need for increasing grid capacity fast. More efficient DER management and visibility over the grid is absolutely essential. With technology such as DER Insights, utilities now have the ability to unlock the full potential of the grid with next-level DER visibility. This enables them to focus on critical infrastructure upgrades to be ready for the energy transition and reduces the impact and occurrence of grid equipment failure, outages and technical debt,” said Sabine Erlinghagen, CEO Siemens Grid Software.

Leading the path towards autonomous grid management, Siemens has also [partnered with EnergyHub](#), a leading grid-edge DER management solution provider, to complement its Mercury DER Management platform with DER Insights. This software provides key insights for the EnergyHub customers to address grid constraints by leveraging available flexibility, expand programs with DERs that have been uncovered with the software and improve current DER management programs.

This press release as well as press pictures / further material are available at <https://sie.ag/3A8SvA>

### Contact for journalists:

Siemens Smart Infrastructure

Lena Carlson

Phone: +49 159 0168 4611

E-mail: [lena.carlson@siemens.com](mailto:lena.carlson@siemens.com)

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Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2023, the business had around 75,000 employees worldwide.

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