

Specific Documentation for Gridscale X™ DER Insights

DER Insights (www.siemens.com/der-insights) is a Cloud Services that provides grid visibility by uncovering the location of behind-the-meter DERs, their behavior, and their impact on the infrastructure. Distribution utilities can make data-driven decisions that will help prevent unexpected issues, protect critical infrastructure, and increase grid capacity by prioritizing equipment upgrades and fully leveraging the potential of DER flexibility.

This Specific Documentation for Gridscale X™ DER Insights sets forth and amends the General Documentation for Gridscale X™ Cloud Services solely with regard to the Cloud Services of Gridscale X™ DER Insights (“DER Insights”).

Specific Documentation

General

Value Proposition

Gridscale X™ DER Insights supports distribution utilities in three main areas:

1. **Improved Planning / Engineering:** Identification of critical grid areas down to the distribution transformer level and aggregated up based on topology, utilizing existing metering devices and data analytics to make the most of existing equipment and make better investment decisions.
2. **Increased Operational Efficiency:** Visibility into historical smart meter measurements, along with location, sizing, and behavior of DERs (solar PV, EV, BESS) uncovering DER-masked load utilizing artificial intelligence, weather, and smart meter data, for to support faster troubleshooting of operational issues such as power quality violations.
3. **Enhanced Customer Programs and Rate Design:** Insights into available DER flexibility (location, sizing, and historical average behavior), along with grid impact on feeder loading and voltage, without the need for DER telemetry or prior knowledge of a DER installation, helping to improve design, efficiency and targeting of customer programs and rate designs, and helping to increase the number of DERs providing grid services where it matters most.

Prerequisites & Specific Terms

Use Restriction

Customer acknowledges that insights provided by DER Insights are limited to the grid model based on the grid asset and connectivity information, mapping of entities and telemetry provided by the Customer and results may not fully correspond to the real-world situation. The interpretation,

implementation and utilization of reports, concepts and results is the sole responsibility of the Customer. Siemens does not assume any liability, warranty, or guarantee for the feasibility or usability of reports, concepts, and results, nor for actions or omissions based on the reports, concepts, proposals or recommendations.

Entitlement Metrics and Limitations

Packages

The packages in the table below have limits that apply for the entire Subscription Term, unless expressly indicated as “monthly” limit.

Package	Tier 1	Tier 2
Included SDPs	200.000	600.000
Upgrade Packages		
Additional SDPs	50.000	N/A

API Limits

API Limits included in the Gridscale X DER Insights Cloud Services Packages will be provided.