Dianzhong Industry Zone
Data transparency on distributed energy resources with DEOP

A unified platform for all types of users in the zone
The 482 km² Dianzhong Industry Zone is a new and innovative urban district in China. Besides administration buildings and public areas, the district contains several e-charging stations as well as a rooftop photovoltaic station, a biofuel energy system simulator (BESS) and two wind turbines. On top of that, there will also be three different types of factories and their residential load.

Managing various assets with one platform
As part of the implementation of DEOP as a unified platform, various types of equipment can be monitored and managed easily. This way the problem of not being able to monitor asset performance is solved.

A big goal that Dianzhong Industry Zone set themselves was the digitization of the energy system. By using Siemens digital tools and with their support and guidance in the planning stage, it was possible to better control risk through real-time monitoring with DEOP. DEOP has proven itself the preferred tool to realize energy transparency and future system integration as well as optimization based on the needs of this zone.

"With Siemens, we successfully created a unified cloud platform that integrates all kinds of data from different assets and provides various energy management functions for different groups of users. We can now create detailed energy reports, which help us and our customers to improve our energy management ability and positively affect our economic figures."

Chen Chao, Vice President of Yunnan Dianzhong Huineng Intelligent Energy Co., Ltd.
Dianzhong Industry Zone and Siemens Unified through DEOP

DEOP: the all-rounder
DEOP allows the integration of more renewables in the industry zone and builds a foundation for forecast and optimization. It helps monitor distributed energy in the new urban district, such as photovoltaic, wind and BESS. Load assets of charging units, buildings and factories can now easily be managed with DEOP.

Benefits and features for the Dianzhong Industry Zone
The implemented solution brings many benefits for the Dianzhong industry zone, such as data transparency for all types of users within a unified platform. Detailed reporting makes it compliant with regulatory requests. Multiple aspects and angles can be monitored with the visualization of data, which also makes it easy to check all records for all assets.

Last but not least, costs can be reduced with better and easier asset management.