

Manufacturing  
China

# EGing PV

Pioneering the development  
of next-generation  
renewable energy  
technologies.

## Solution components

### Hardware

- Lenovo ThinkSystem SR650
- Lenovo ThinkSystem DM7000H
- Lenovo ThinkSystem DB610

### Software

- VMware vSphere
- VMware vCenter

### Services

- Lenovo Assessment Services
- Lenovo Design Services
- Lenovo Onsite Services –  
Deployment
- Lenovo Training Services
- Lenovo Managed Services
- Lenovo Remote Technical  
Support
- Lenovo Post Warranty Services

As a leading provider of photovoltaic solar cells and modules, EGing PV plays a crucial role in China's drive towards harnessing more renewable energy. To accelerate the development of high-efficiency batteries, the company recently implemented a modern manufacturing execution system (MES), which takes a photo of the production line every second as sample data to monitor the quality of many complex processes in real time.

To support the capacity-hungry application, EGing PV deployed Lenovo ThinkSystem SR650 servers to underpin its database and virtualized environments, plus Lenovo ThinkSystem DM7000H storage. With the Lenovo infrastructure, the company has the exceptional performance and scalability needed to manage petabyte-level data growth efficiently and cost-effectively, keeping manufacturing and R&D operations running smoothly.



"For this project, Lenovo worked closely with IT staff, application developers, and end users to understand each step of MES data generation, collection, and transfer process. The recommended solution perfectly meets our needs. Compared to other vendors we've worked with, Lenovo's services, products, and solutions are extremely professional."



Mr. Gu,  
CIO, EGing PV

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