

Industry Leader in Prestressed Lattice Steel Pipe Wind Turbine Tower Technology

Company Profile

Qingdao Huastro Energy Technology Co., Ltd. is a high-tech enterprise specializing in the R&D, manufacturing and installation of wind tower, energy - saving and environmental technologies. In cooperation with Tongji University, Huastro developed prestressed lattice wind tower technology for 140 m, 185 m and 200 m+ high-hub applications.

The company owns 40+ domestic and international patents and provides technical consulting and services for energy companies and wind turbine OEMs.



Steel Cylinder Section



Transition section



Lattice Section



Combined Prestressed Anchor Bolt Foundation

Technical Advantages

High reliability、 Green and low-carbon、 Land-saving technology、 Multi-scenario application
Eco-friendly & environmental protection、 Life Cycle Cost Optimization (LCCO)



Technology Application Milestones

- 14 Huaneng Jingbian Project: 1 unit (200 m), under construction
- 13 Three Gorges Hubei Energy Project: 1 unit(185m), under construction
- 12 China Coal Yongcheng Project:6 units(160m), under construction
- 11 Huaneng Anhui Mengcheng Project:12 units (160m),under construction
- 10 Huaneng Anhui Mengban Phase II: 6 units (160m),under construction
- 9 Huaneng Dezhou Xiaomiao Village Project: 4 units (160 m),under construction
- 8 CGN Wenshang Project: 8 units (170 m),under construction
- 7 Huaneng Dezhou Pingyuan Project: 30 units (160 m), under construction
- 6 Goldwind Tianrun Boli Project: 3 units (185m),grid-connected in 2025
- 5 CEEC Yuanjiang Project: 10 units (160 m),grid-connected in 2025
- 4 Huaneng Wuqi Project: 27 units (160 m),grid-connected in 2021
- 3 Jin Jiaozhou Project: 19 units (160 m/170 m),grid-connected in2021
- 2 CR Power Jiaozhou Tower: 1 unit (140 m),grid-connected in 2021
- 1 Juancheng Tower: 1 unit (160 m),grid-connected in 2020



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