

Block Island America's First Offshore Wind Farm

On December 12, 2016, the blades started spinning on America's first offshore wind farm. The project was led by Deepwater Wind and was a pioneer project that will hopefully form the foundation for similar projects in the U.S.

The wind farm is comprised by five 6MW wind turbines and is capable of powering about 17,000 homes on Block Island – A vacation destination south of Rhode Island.

ITW Performance Polymers is proud to be part of this project. Between May 12, 2016 and June 1, 2016, we completed the grouting procedures for the four-legged jacket foundations for all five wind turbines in the wind farm.

A total of approximately 305 ton of our offshore ultra-high performance cementitious grouting material Ducorit® S2 was pumped during the installation of the 20 pile sleeve connections. The high inner cohesion of our Ducorit® S2 ensures no mixing with seawater, making it ideal for underwater grouting of pile sleeve connections. As with all our products, a durable solution is guaranteed with Ducorit® S2.

The entire grouting process was led by ITW Performance Polymers supervisors and conducted with our specialized equipment. We can now proudly look back at a successful installation of all five jackets and an exciting new development for offshore wind projects on the U.S. coast line.

