

July 25, 2024

Charlestown Wind Turbine
80 Terminal Street
Charlestown, MA 02129

Dear Charlestown Wind Turbine,

Thank you guys for taking your time to teach us about wind turbines and the work that you guys do in your company. I enjoyed learning about this site because before, I didn't know much about wind turbines and so the information I learned today was all new and intriguing. What I enjoyed the most during our time was when we assembled the model of a wind turbine and saw how it worked with a fan blowing towards it. It was interesting to see how the parts go together to create the wind turbine. When the fan was blowing, it was also interesting to see how fast it could go depending on the direction the blades were turned.

Something that we learned during this worksite was teamwork. We worked together as a team to build the wind turbine and together fixed the wind turbine when we realized that the blades were facing the wrong direction. Teamwork is important to prepare me for work and high school next year because there will be a lot of times where we have to work together as one. Learning how to work with my classmates and co-workers is needed to get along and build good friendships.

What I learned about wind turbines is that the blades are hollow on the inside and they are made out of fiberglass and foam. I always thought that the blades of a wind turbine were made out of hard plastic and it was solid, not hollow. Another thing I learned was the process of the blades getting tested before it is painted and placed in the farms. I didn't know how long the blades had to be tested in order to be assembled in the rest of the wind turbine. I also learned that there are some wind turbines built in the ocean. It makes sense why they are built in the ocean but it never came to my mind. These things that I learned can help me in the future if I want to go down the path of engineering technology or something similar to wind turbines. It also helped me decide whether I am interested in this profession or not so I can ultimately decide what I want my future career to be.

I want to thank you guys again for talking to us and answering all of our questions. I like how your company is contributing to more clean energy rather than burning fossil fuels. Charlestown Wind Turbine is a good place for interns to learn about because if they are interested in engineering, construction, and/or clean energy, they could learn more information about what they want to do in the future.

Sincerely,
Natalie Ma