

To: Vice President of Engineering –Johnson Electrics - Thomas Winter
From: Staff Engineer-You
Subject: HAWT vs. VAWT Technology as Corporate Investment
Date: September 22, 2015

Introduction:

Background for you as the engineer

Audience is the VP of engineering who is considering of new markets. For thirty years Johnson Electrics has been and manufacturing and supporting the maintenance of electromechanical systems. The VP has said that he believes the future of the company is in wind energy and wants to know which technology the company should make an investment in. He believes that maintenance of electromechanical wind turbine components will be a large market Johnson Engineering should consider

You have been charged with doing a quick study of the HAWT and VAWT technology the associated components and subsystems. Your job is to providing a quick analysis and recommendations for Johnson Engineering. You currently do not know much about the subjects but you know how to research and analyze technical material. The part you are not to certain about is which technology the company should invest in for providing component maintenance support services (motors, generators, controls, towers, blades, bearings, ...). What is the size of the markets, what do we have to learn, what personal training will be required, should we act now, do we have to study this more? You know that several other engineers have been asked to look at this issue and your professional reputation could be on the line.

Results:

Follow the format of the template

Memo must be only 1 to 1.5 pages long

Assume 0.7" margins, top, bottom, right left

Discussion:

Summary: