In this presentation both the domination number and the $k$-power domination number are compared in hypergraphs. In particular, I explore the question ”given an upper bound for the domination number, is there a related bound for the $k$-power domination number?” Various examples are given that suggest this question is true. Furthermore, I prove that given a hypergraph $H$ with $n \geq k + 3$ vertices and edge size at least 3, that $\gamma^k_p((H)) \leq \frac{n}{k+3}$. In doing so, I prove a conjecture given by Bjorkman stating $\gamma^1_p(H) \leq \frac{n}{4}$ for hypergraphs on $n \geq 4$ vertices with edge size at least 3. (Received September 11, 2020)