

# Online Comment

**Permit Portal:** Air

3/12/2018

**Comment:**

My understanding of hydrogen fuel cells is that they can produce electricity in great abundance with no exhaust pollution whatsoever - just pure water and heat. Zero carbon footprint. Zero air pollution. Also, that this technology is available as an add on to trucks and train locomotives. Is this technology suitable for Polymet? If so, could they install a fuel cell energy park on their vast land holdings and provide off-grid electricity to their proposed plants and even to the surrounding area, i.e. Hoyt Lakes, Duluth, St. Louis county? These are questions, not a proposal. Three companies produce fuel cell energy in North America. They are Plug Power (PLUG) Ballard (BLDP) and Fuel Cell Energy (FCEL). Congress recently authorized a tax break for around 30% for renewable energy including hydrogen fuel cells, solar power, and wind power. All of the above relates to the air quality surrounding the Polymet mine. Thank you.  
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**Attachments:**