

20 April 2018

Mr. Ken Shultes
Associate VP for Sustainability & Facilities Planning
Dickinson College
PO Box 1773
Carlisle, PA 17013

Distributed via email: shultes@dickinson.edu

Dear Ken:

We have completed a comprehensive review of Dickinson's Greenhouse Gas (GHG) emissions by analyzing data entries on the web-based Sustainability Indicator Management & Analysis Platform (SIMAP) created by the UNH Sustainability Institute for campus GHG accounting. Our review found no obvious errors or misrepresentations of Dickinson College's GHG emissions, however three items stood out to us:

1. In the Stationary Fuels category, the total volume of Distillate Oil, LPG (propane), and Natural Gas consumption was below average in 2012 (61,122 total MMBTU) and above average in 2014 (96,669 total MMBTU). These outliers represent -23% and +21% changes in average fossil fuel consumption from the 2008 to 2017 period. We assume changes in fossil fuel consumption are due to abnormally mild and cold winters, respectively. However, we recommend 2012 and 2014 fossil fuel data entries be checked for accuracy.
2. The volume of Distillate Oil consumed in 2017 was well below average (5,003 gallons) and 63% below the previous year with no corresponding increase in Propane or Natural Gas consumption. Again, we recommend that this data be checked for accuracy.
3. When reviewing overall utility electricity consumption and the purchase of wind power electricity supply, the wind purchases exceed utility electric consumption in 2016 and 2017. Excess wind REC's do not count as additional carbon reductions that would offset Dickinson's GHG emissions, as REC's can only be used to offset Scope 2 emissions. We have verified that SIMAP software correctly accounts for emissions reductions from REC purchases.

We would be happy to discuss our findings in more detail, so please let us know if you have any questions about this review. We look forward to continue supporting Dickinson College in its campus sustainability initiatives.

Sincerely,



Darren Cassel
Principal