From: <u>Dave Yetman</u>
To: <u>Renewable Energy</u>

**Subject:** Submission Tasmanian Renewable Energy Action Plan

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On reading the Renewable Energy Action Plan, I found a lot of good ideas, some more practical, and others requiring more research.

From a practical viewpoint, it would seem to me that Hydro should be the main focus: maintaining existing plant, upgrading and renewing existing hydro, and installation of new hydro (such as a smaller private plant that was installed last year, but could include investigation into sites for larger dams and hydro plants). The higher output, longevity, and continuous power supply of hydro, as well as being economically more feasible long term would seem to show hydro to be the best use of resources.

This is not to say that research should not continue into other renewable energy sources: hydrogen, solar, wind. However using hydro is likely to give long term reliable energy and income that can then be ploughed back into researching and undertaking best practice in the other renewable energy technologies. I do believe that more research should be undertaken in lifetime studies of renewables, especially solar and wind technologies, and ensuring that end-of-life and maximising recycling of components is taken into account when considering costs as well as ecological damage "costs" of such technologies.

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