EEP21 Input paper

Agenda item 5.1

Task Number M1

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Developments in Commercial Fuel Cell Power Supplies

# Summary

Update of commercially available Small Fuel Cell Power Supplies and a novel antifouling product.

## Action arising from the input of the document

For information only.

## Related documents

NIL

# Background

This rapporteurship was established at EEP16 with a view to providing members the latest update on light source technology.

# Developments

## Hydrogen Powered Portable Cell

The British Oxygen Company (UK) has a new hydrogen powered portable cell (Ref 1) and a range of small hydrogen cylinders. A 150 watt unit will directly chard 12V lead acid batteries and has a built-in inverter providing 240V A.C. output.

## Methanol Fuelled Units

The German company, Efoy (Ref 2), has a range of methanol fuelled units. The 40 watt, 72 watt, and 105 watt units are designed to charge 12V lead acid batteries. These units now have a three year membrane life.

## Antifouling

Novel antifouling from a Company in Holland (Ref 3). This is a self adhesive sheet with a furry surface. The soft fur surface is claimed to deter plants and shell growth from adhering to the surface.

# References

1. http://www.boconline.co.uk/en/products-and-supply/industrial-products/hymera-generator/hymera-generator.html
2. <http://www.efoy.com>
3. http://www.micanti.com

# Action requested of the Committee

The Committee is requested to:

1. Note the information.