



Company Reference

Magellan Powertronics  
Unit 4/2 Pritchard St  
O'CONNOR WA 6163

To Whom It May Concern

#### **LETTER OF REFERENCE FOR MAGELLAN POWERTRONICS**

Hydro Tasmania has over the last two years purchased a small number of DC battery and charger systems from Magellan. Our last installation in which I was directly involved, comprised of a dual (main and duplicate system) battery and charger system being installed at one of our Mersey Forth Power Stations. Both these battery and charger systems have switchgear, which enables parallel connections with different loads and different states of battery charge during abnormal station conditions

The Magellan battery chargers went through a stringent on site test procedure. Under different switching arrangements and using a storage scope we checked each charger DC output stability (ie high DC starting spikes and "hunting") under a series of loads and different states of battery charge. These tests found that the chargers performed very satisfactorily under all conditions without any site modifications. The chargers are still in service and no problems have been reported

Magellan was pro-active in the design of the chargers to meet Hydro Tasmania design requirements and listened to our requirements of manufacture.

We found the chargers to be technically quite advanced. Magellan has a professional approach to their business and have a nationwide technical support team which is important to Hydro Tasmania.

Regards

Joe Brogan  
Technical Officer, Hydro Tasmania