



Australian Government

Department of Climate Change and Energy Efficiency

Submission No. 003

(Pawsey Centre)

SL Date: 01/04/2010

Committee Secretary
Parliamentary Standing Committee on Public Works
PO Box 6021
Parliament House
CANBERRA ACT 2600

**RE: THE PAWSEY HIGH PERFORMANCE COMPUTING CENTRE FOR SKA
SCIENCE, KENSINGTON, WESTERN AUSTRALIA**

Thank you for the opportunity to comment on the joint Statement of Evidence for the above mentioned works for the Commonwealth Scientific Industrial Research Organisation (CSIRO).

A review of the joint Statement of Evidence (the "Statement") to the Joint Parliamentary Standing Committee on Public Works has been carried out for compliance with the *Energy Efficiency in Government Operations* (EEGO) policy.

My colleagues and I have discussed the above mentioned works with the CSIRO and have alerted them to the NABERS Energy for Data Centres project carried out by the NSW Department of Energy, Climate Change and Water and Department of the Environment, Water, Heritage and the Arts. Where cost effective, we would encourage CSIRO to have appropriate metering in place to facilitate a rating with the proposed NABERS energy for data centres which is anticipated to be available in 2011.

In consideration of the information provided in the Statement, I am satisfied that there is sufficient intent to comply with the relevant provisions of the EEGO policy.

More broadly, the following should be also considered:

- Para 9.1.61.e declares that the above mentioned works have a design of utilisation of LED and T5 fluorescent lighting. It is suggested to investigate an appropriate design in lighting for the Office Tenant Light and Power to progress on the lighting intensity average of $7.5\text{W}/\text{m}^2$, as stipulated in the EEGO policy.
- Para 8.6.49.b. states that the new building will have multi-function metering connected to the site Building Management System. More specifically, it is a requirement of the EEGO Policy that separate metering is required for Office Tenant Light and Power, Office Central Services (where applicable) and computer centres. This would be expected to be included in the design brief.

Yours sincerely

A handwritten signature in black ink, reading "Lloyd G. Woodford". The signature is written in a cursive style with a large initial 'L' and a prominent 'G'.

Lloyd Woodford

Director

Government Energy Efficiency Team

Department of Climate Change and Energy Efficiency

1 April 2010