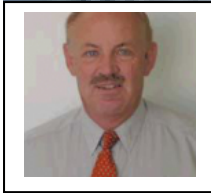


# Development and Future of Wind Power in WA



Prof Craig Carter

**Adjunct Professor**  
**School of Engineering and Information Technology**  
**Murdoch University**

## **ABSTRACT**

Professor Carter will talk about the wind farms and wind/diesel systems that he has been involved in (Albany, Esperance, Denham, Hopetoun, Bremer Bay, Coral Bay, Mumbida near Geraldton, and Rottnest Island) and review the entire suite of wind farms in WA. He will cover developments elsewhere in the world and where the technology might end up.

## **BIOGRAPHY**

After completing his electrical engineering degree at UWA in 1983, Craig Carter worked for SECWA, predominantly in transmission planning and analysis. At Western Power from 1995, and later at Verve Energy from 2006, Craig moved into the renewable energy field, where he worked on the planning, design (and in most cases, testing and commissioning) of the Denham, Bremer Bay, Hopetoun and Rottnest Island wind/diesel systems; the Esperance wind/diesel and wind/GT systems; the Coral Bay wind/diesel/flywheel system; the Albany, Exmouth, Kalbarri, Grasmere and Mumbida Wind Farms and the 10MW Greenough River Solar (PV) Farm. Craig has an interest in renewable energy policy and was given the task of developing the Renewable Energy Buyback Scheme - REBS in 1997, following the advent of grid-connected roof-top PV solar systems. After retiring from Verve Energy at the end of 2012, (Verve Energy merged with Synergy on 1 January 2014), Craig was offered an adjunct professorship at Murdoch University in the School of Engineering and Information Technology, where he had been guest lecturing over many years.