

**Aruna Seneviratne – Renewable Energy Engineer, Black & Veatch
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Aruna Seneviratne is a mechanical engineer with nine years of experience, specialising in renewable energy, particularly in the field of wave, tidal and biomass energy. He graduated in 2000 with a Bachelor of Mechanical and Space Engineering from the University of Queensland. After graduating, Aruna worked at the Northern Territory utility Power Water, before moving to the UK in 2002 and joining Black & Veatch, designing mechanical aspects of water treatment plants.

In 2004 he joined B&V's UK renewable energy group and assessed and helped develop a number of wave and tidal stream technologies as part of the UK Carbon Trust's Marine Energy Challenge. This led to further work reviewing and performing due diligences on wave and tidal technologies for vendors and investors.

Aruna also worked on the Carbon Trust's Biomass Sector Review, assessing the UK potential for biomass energy, and their subsequent Biomass Heat Acceleration Project, and completed the initial feasibility and design of a biogas CHP system for a food factory.

In 2007 he moved to Ireland and joined a start-up consultancy where he performed domestic, commercial and industrial energy audits and assessed the potential for eDiesel, a diesel/ethanol biofuel. In 2008 he returned to Australia and helped emerging technology businesses secure private equity capital for a boutique investment bank, before rejoining Black & Veatch in their Melbourne office. He is currently working with renewable energy projects worldwide while developing Black & Veatch's Australian renewable energy business.