

# Seven Seas Cruising Association

## *2008 Equipment Survey Report*

What Wind Generator do you have?	Estimated Output at 10 Knot Wind	Estimated Output at 15 Knot Wind	Average Daily Amp hours in Trade Wind	Average Daily Amp hours in Non-Trade Wind	Noise Level 1=Quiet 5=Loudest
<b>Aerogen</b>	<b>2.2</b>	<b>5.8</b>	<b>76.1</b>	<b>30.4</b>	<b>1.4</b>
<b>DuoGen</b>	<b>6.5</b>	<b>10.0</b>	<b>47.5</b>	<b>36.5</b>	<b>1.7</b>
<b>Rutland (913)</b>	<b>2.8</b>	<b>5.6</b>	<b>88.6</b>	<b>45.7</b>	<b>1.6</b>
<b>AirX/Air Marine</b>	<b>2.5</b>	<b>6.6</b>	<b>91.6</b>	<b>30.3</b>	<b>3.4</b>

This data is extracted from a survey conducted by the Seven Seas Cruising Association of the USA. The data is compiled from a survey of actual users of these wind turbines, and published in December 2008.

We can conclude from this:

- *Small really is beautiful!* Despite being 30cm in diameter smaller than the Air, the Rutland generated **50% more power** in non-Trade Winds and just 3% less power in Trade Winds.
- Instantaneous output figures, whether actual or quoted by manufacturers, bear little relationship to total **Ampere-hours** generated per day!

The Rutland achieves these “higher than expected” figures owing to a combination of it’s unique low-friction alternator and the high-inertia hub which continues to rotate between gusts of wind when other wind generators, often with a larger turbine, stall.

For more information contact Marlec or your local Rutland distributor.