

## WES Operations and Maintenance Simulation Tool - Modification Log

### O&M Model – User Version

Date	Modified Filename	Parent Filename	Modification	Impact
1 <sup>st</sup> Feb 2018	wes_om-model-empty_v2.0	wes_om-model-empty	Class Modules: <i>wec_object</i> Function: <i>get_wec_power</i> Variable: <i>temp_power</i> Changed from <i>As Integer</i> to <i>As Double</i>	Corrected an error which limited the model to selecting either “Fully Operational” or “Shutdown” in power output calculations. The modification allows the model to properly calculate the power output of individual WECs based on their current partial operational state due to modelled system or sub-system failures.

### O&M Model – Pelamis P2 Case Study

Date	Modified Filename	Parent Filename	Modification	Impact
1 <sup>st</sup> Feb 2018	wes_om-model-p2_v2.0	wes_om-model-p2	Class Modules: <i>wec_object</i> Function: <i>get_wec_power</i> Variable: <i>temp_power</i> Changed from <i>As Integer</i> to <i>As Double</i>	Corrected an error which limited the model to selecting either “Fully Operational” or “Shutdown” in power output calculations. The modification allows the model to properly calculate the power output of individual WECs based on their current partial operational state due to modelled system or sub-system failures.