



## **UIG Task Force Investigation Findings**

### **1: Use of Estimates for DM sites**

# Summary of Findings

<b>Area &amp; Ref #</b>	Use of Estimates for DM sites (Ref #1)
<b>UIG Hypothesis</b>	Where actual reads are not received or are rejected, for Class 1 and 2 sites a D-7 estimate is used. This may not be a good representation of the actual consumption and the difference would contribute to UIG.
<b>Data Tree References</b>	Class 1 & 2 Allocated Energy (Estimated Energy)

<b>Findings Status</b>	<b>Closed</b>
<b>UIG Impact Peak Volatility %</b>	<b>0.6% (est)</b>
<b>UIG Impact Annual Average %</b>	<b>0.06% (est)</b>
<b>Confidence in Percentages</b>	<b>Medium</b>

<b>Findings</b>	<b>Approach to analysis</b>
<p>As at 01/10/18, c. 3bn kWh of Class 1 and 2 (i.e. DM) AQ has not had an actual meter reading accepted for over 3 months.</p> <p>Read submission rate is 45% for Class 2 against a UNC target of 97.5%</p> <p>This AQ without an actual meter read equates to c 0.6% of total LDZ AQ and creates a risk of both base UIG and volatility, if the actual usage is not well represented by the D-7 estimation processes.</p> <p>DM sites' consumption can sometimes vary by -50% and +100% from the average on any given day, so this may contribute spikes of around 0.6% on a day.</p> <p>Assuming 10% change in usage since last reading, this could be contributing around 0.06% to base usage (i.e. 10% x 0.6% AQ at risk).</p>	<p>For all live sites in Class 1 and 2, obtained the history of actual meter readings (i.e. ignoring any estimated meter readings).</p> <p>Where the site had not had an actual meter reading for 3 months as at 01/10/18, summed the AQ of those sites and expressed as a % of that Shipper's portfolio (in AQ terms) and of national AQ.</p> <p>Used these statistics to give a "value at risk", i.e. an amount of AQ that had not had a recent meter reading and for which the recent estimated consumption may be inaccurate (either higher or lower).</p> <p><b>Confidence levels are medium, as the actual different between daily estimates and actual consumption will be unknown until the next actual meter reading loads</b></p>