

Actions taken to resolve the issue	Completion date	Remedial action status
MDC are aware of the findings and Genesis will continue to work with MDC in improving their database accuracy	Continuous Improvement	Identified
Preventative actions taken to ensure no further issues will occur	Completion date	
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Description and capacity of load		
Non-compliance	Description	
<p>Audit Ref: 2.4</p> <p>With: Clause 11(2)(c) and (d) of Schedule 15.3</p> <p>From: 19-Jan-24</p> <p>To: 19-Jan-24</p>	<p>Three lights at Waughs Road were installed at a turning bay by MDC but do not have lamp model, lamp wattage or gear wattage recorded. The light details are to be confirmed.</p> <p>Two lights at Kimbolton-Stafford roundabout have a blank gear wattage but are expected to have a zero.</p> <p>Potential impact: Low</p> <p>Actual impact: Low</p> <p>Audit history: Multiple times</p> <p>Controls: Strong</p> <p>Breach risk rating: 1</p>	
Audit risk rating	Rationale for audit risk rating	
Low	<p>Controls are rated as strong, the exceptions with a wattage difference all related to one lamp installation job where the light details were not loaded into the database by Max Tarr.</p> <p>The impact is assessed to be low based on the number and type of discrepancies. Revised submission data is expected to be provide once the wattages for the lights at Waughs Road are confirmed.</p>	
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All load recorded in database		
Non-compliance	Description	
<p>Audit Ref: 2.5</p> <p>With: Clause 11(2A) of Schedule 15.3</p> <p>From: 06-Feb-24</p> <p>To: 06-Feb-24</p>	<p>The field audit identified three lights which were not recorded in the database:</p> <ul style="list-style-type: none"> • one 22W LED (pole 475837) outside number 6 A'Court St, Sanson, • one 22W LED (pole P35233) outside number 16-18 Hedges St, Sanson, and • one 24W LED (pole L1058) outside number 1 Northfield Rise, Feilding. <p>Potential impact: Low</p> <p>Actual impact: Low</p> <p>Audit history: None</p> <p>Controls: Moderate</p> <p>Breach risk rating: 2</p>	
Audit risk rating	Rationale for audit risk rating	
Low	<p>Controls are rated as moderate, because three additional lights and two wattage differences were found when checking a sample of 228 lights.</p> <p>The impact is assessed to be low because:</p> <ul style="list-style-type: none"> • the three additional lights have resulted in under reporting of 68W or 290 kWh per annum, and • if there was a similar error rate across the whole database, where an extra 68W found when checking a sample of 6,475W, there could be potential under submission of 3,860 kWh per annum. 	
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Database accuracy		
Non-compliance	Description	
<p>Audit Ref: 3.1</p> <p>With: Clause 15.2 and 15.37B(b)</p> <p>From: 19-Jan-24</p> <p>To: 06-Feb-24</p>	<p>Based on the field survey of 228 items of load on 6 February 2024, the best available estimate is not precise enough to conclude that the database is accurate within $\pm 5\%$ leading to potential over submission of 3,500 kWh per annum.</p> <p>Three lights at Waughs Road which were installed at a turning bay by MDC do not have lamp model, lamp wattage or gear wattage recorded. The light details are to be confirmed.</p> <p>Two lights at Leithbridge Street do not have lamp model, lamp wattage or gear wattage recorded. They are metered floodlights, and not required to be reported as part of the DUML load and should not be recorded against DUML ICP 0900087357PCBB6. Zero wattage is recorded against these lights so there is no impact on submission.</p> <p>Two lights at Kimbolton-Stafford roundabout have a blank gear wattage but are expected to have zero.</p> <p>Pole ID 3028 had a 150w SON-T (HPS) - 150W lamp type with a gear wattage for a 250W SON-T (HPS) leading to over submission of 42 kWh per annum.</p> <p>Potential impact: Medium</p> <p>Actual impact: Medium</p> <p>Audit history: Twice</p> <p>Controls: Moderate</p> <p>Breach risk rating: 2</p>	
Audit risk rating	Rationale for audit risk rating	
Low	<p>Controls are rated as moderate overall:</p> <ul style="list-style-type: none"> based on the field audit the best available estimate is not precise enough to conclude that the database is accurate within $\pm 5\%$, and most information is accurate. <p>The impact is assessed to be low based on the kWh differences described above.</p>	
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Volume information accuracy		
Non-compliance	Description	
<p>Audit Ref: 3.2</p> <p>With: Clause 15.2 and 15.37B(c)</p> <p>From: 01-Jan-24</p> <p>To: 06-Feb-24</p>	<p>The database extract provided for the audit in January 2024 was not consistent with the database extract provided for submission in January 2024. Some of the differences appear not to relate to timing of light changes. The differences could result in over submission of 14,089.9 kWh per annum.</p> <p>Based on the field survey of 228 items of load on 6 February 2024, the best available estimate is not precise enough to conclude that the database is accurate within $\pm 5\%$ leading to potential over submission of 3,500 kWh per annum.</p> <p>Three lights at Waughs Road were installed at a turning bay by MDC but do not have lamp model, lamp wattage or gear wattage recorded. The light details are to be confirmed.</p> <p>Two lights at Leithbridge Street do not have lamp model, lamp wattage or gear wattage recorded. They are metered floodlights, and not required to be reported as part of the DUML load and should not be recorded against DUML ICP 0900087357PCBB6. Zero wattage is recorded against these lights so there is no impact on submission.</p> <p>Two lights at Kimbolton-Stafford roundabout have a blank gear wattage but are expected to have a zero.</p> <p>Pole ID 3028 had a 150w SON-T (HPS) - 150W lamp type with a gear wattage for a 250W SON-T (HPS) leading to over submission of 42 kWh per annum.</p> <p>The data used for submission does not track changes at a daily basis and is provided as a snapshot.</p> <p>Potential impact: Medium</p> <p>Actual impact: Medium</p> <p>Audit history: Multiple times</p> <p>Controls: Moderate</p> <p>Breach risk rating: 4</p>	
Audit risk rating	Rationale for audit risk rating	
Medium	<p>Controls are rated as moderate overall:</p> <ul style="list-style-type: none"> based on the field audit the best available estimate is not precise enough to conclude that the database is accurate within $\pm 5\%$, most information is accurate, and the values applied for submission are adjusted and not consistent with the raw data from RAMM. It appears that in some cases the adjustments increased accuracy, and others decreased accuracy. <p>The impact is assessed to be medium, based on the kWh differences described above. Revised submission data will be provided through the wash up process.</p>	
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