

### Method specific requirements – Public Lighting Method (Clause 9.4A of the ESS Rule)

Requirement	Audit Procedure	Audit Tier
Eligible Activity	<ol style="list-style-type: none"> <li>1. Check that the Luminaire is an asset owned and/or maintained by a Distributor or Roads and Maritime Services.</li> <li>1. Check that each item of End User Equipment used in the Lighting Upgrade is either: <ul style="list-style-type: none"> <li>– A Standard Equipment Class listed in Table A9.1 of Schedule A of the ESS Rule, or</li> <li>– An Other Equipment Class listed in Table A9.3 of Schedule A of the ESS Rule.</li> </ul> </li> <li>2. Check that the upgrade is an upgrade of Lighting for Roads and Public Spaces by checking there is a declaration that: <ul style="list-style-type: none"> <li>– Activity is covered by AS/NZS 1158, and/or</li> <li>– All luminaires in the upgrade are covered by AS/NZS 60598.2.3.</li> </ul> </li> </ol> <p>OR</p> <ol style="list-style-type: none"> <li>3. Check that there is a declaration that the activity is a lighting upgrade of traffic signals and that the lighting is covered by AS 2144.</li> </ol>	1
Implementation date	Check that the implementation date is the date when the Lighting Upgrade was completed.	1
Energy Saver	<ol style="list-style-type: none"> <li>1. Check that the ACP is the Energy Saver as at the Implementation Date. The ACP can be either. <ol style="list-style-type: none"> <li>a) The original energy saver, if it is: <ol style="list-style-type: none"> <li>i. The distributor or RMS that owns the luminaire, or</li> <li>ii. The council or RMS if it <ol style="list-style-type: none"> <li>1. Is a public lighting customer, for billing, regulatory or management purposes, of the distributor that owns the luminaire, and</li> <li>2. Requests the lighting upgrade in writing from the distributor that owns the luminaire.</li> </ol> </li> </ol> </li> <li>b) The nominated energy saver, provided that it is nominated by the original energy saver in a form and manner approved by the Scheme Administrator as at the Implementation Date.</li> </ol> </li> </ol>	1
Application of Regional Network Factor	For implementations after 15 April 2016, check that the correct Regional Network Factor has been used in accordance with Table 24 of the ESS Rule	1

ESC Conversion Factor	Check that the correct ESC conversion factor has been applied	1
Energy Savings must be calculated in accordance with the ESS Rule. Appropriate evidence must be available to support inputs to the energy savings calculations.	<ol style="list-style-type: none"> <li>1. Check that where the existing or replacement lamp or Luminaire is registered on a national electricity market load table for unmetered connection points, the listed device load value in the table has been used as the Light Circuit Power (LCP).</li> <li>2. Check that where the existing or replacement lamp or Luminaire is not registered on a national electricity market load table for unmetered connection points, the device load value listed in a Public Lighting Inventory has been used as the LCP.</li> <li>3. Check that the asset lifetime is 12 years for the baseline and upgrade consumption calculations.</li> <li>4. Check that the annual operating hours in hours/year for the baseline and upgrade consumption calculations is <ol style="list-style-type: none"> <li>a. 4,500 if the activity is a Lighting Upgrade of Lighting for Roads and Public Spaces; or</li> <li>b. 8,760 if the activity is a Lighting Upgrade of Traffic Signals.</li> </ol> </li> <li>5. Check that the baseline consumption has been calculated in accordance with Equation 7A of the ESS Rule.</li> <li>6. Check that the upgrade consumption has been calculated in accordance with Equation 9A of the ESS Rule.</li> <li>7. Check that the Electricity Savings have been calculated in accordance with Equation 6A of the ESS Rule.</li> <li>8. Check that the correct Regional Network Factor has been used in accordance with Table 24 of the ESS Rule</li> <li>9. Check that the number of ESCs has been correctly calculated (i.e. undertake re-calculation).</li> </ol>	2
Disposal of End-User Equipment	<ol style="list-style-type: none"> <li>1. Check that End User Equipment has not been re-used or re-sold.</li> <li>2. For projects with an Implementation Date on or after 15 May 2016, check that: <ul style="list-style-type: none"> <li>- End-User Equipment for projects in a Metropolitan Levy Area (with a postcode listed in Table A25 of the ESS Rule) has been recycled, and</li> <li>- Recycling evidence has been obtained.</li> </ul> </li> </ol>	2
Lighting equipment requirements	<ol style="list-style-type: none"> <li>1. Check that the lighting equipment has been approved for use by the relevant distributor or RMS (as applicable) using any of the following three types of evidence: <ul style="list-style-type: none"> <li>- The lighting equipment published in the relevant distributor's standard luminaire list, or</li> <li>- A document issued by RMS showing that the lighting equipment has been accepted for use, or</li> <li>- A letter from the distributor confirming that the lighting equipment is approved to be installed on its distribution network.</li> </ul> </li> </ol>	2

Confirmation of type of upgraded equipment.

1. Perform site visits and physically examine installed products and equipment.
2. Confirm the Upgraded Luminaires in the Calculation tool and other relevant evidence match the lights installed.

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