

***NABERS Embodied Emissions Materials Form to Address the Provisions of State Environmental Planning Policy (Sustainable Buildings) 2022, Chapter 3***

A NABERS Embodied Emissions Materials Form discloses the amount of embodied emissions attributable to the development and is a required document for all non-residential developments where the applies.

<p><b>3.2 Development consent for non-residential development</b></p> <p>(1) In deciding whether to grant development consent to non-residential development, the consent authority must consider whether the development is designed to enable the following—</p> <p>(a) the minimisation of waste from associated demolition and construction, including by the choice and reuse of building materials,</p> <p>(b) a reduction in peak demand for electricity, including through the use of energy efficient technology,</p> <p>(c) a reduction in the reliance on artificial lighting and mechanical heating and cooling through passive design,</p> <p>(d) the generation and storage of renewable energy,</p> <p>(e) the metering and monitoring of energy consumption,</p> <p>(f) the minimisation of the consumption of potable water.</p> <p>(2) Development consent must not be granted to non-residential development unless the consent authority is satisfied the embodied emissions attributable to the development have been quantified.</p>	<p>The proposed development has been designed in accordance with the requirements of clause 3.2 as stated below:</p> <p>(a) The proposed development seeks to minimise the generation of waste by using sustainable building materials and finishes. Some of the heritage building historic elements will be reused in the proposed alterations and additions to the Federal Hotel.</p> <p>(b) The proposed development includes the use of solar panels which will reduce the peak and off peak use of electricity.</p> <p>(c) Passive design has been incorporated into the Federal Hotel additions within internal layout, operable roofs and windows. The hotel building has also incorporated passive design elements to reduce energy efficiency.</p> <p>(d) Solar panels are proposed for generation of renewable energy. Batteries for energy storage will be considered as part of the Construction Certificate detailed documentation.</p> <p>(e) Energy will be metred and monitored to reduce energy consumption and demand.</p> <p>(f) The proposed development will reduce the use of water across the various buildings and uses.</p>
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