# Modelling producer statement

NZGBC AEM

Click or tap here to enter text.

Building Owner/Client

Project Name

Project Location:

Address

City

I confirm that I, the above listed NZGBC Accredited Energy Modeller (AEM), have been engaged by the above listed building owner/client to undertake the energy and thermal comfort modelling on the above listed project and that this modelling has been undertaken in accordance with the appropriate Green Star NZ – Design & As Built modelling requirements.

I further confirm that the following model were undertaken, for the selected rating, with the stated points levels achieved:

Design Review Submission

As Built Submission

Rating Targeted

|  |  |
| --- | --- |
| **Credits modelling was undertaken for** | |
| 14.1 Thermal Comfort |  |
| 15.2 Advanced Thermal Comfort |  |
| 15. Greenhouse Gas Emissions |  |
| 16. Peak Electricity Demand Reduction |  |

|  |  |
| --- | --- |
| **Points claimed in the calculator:** | |
| 14.1 Thermal Comfort | Choose an item. |
| 14.2 Advanced Thermal Comfort | Choose an item. |
| 15.1 Conditional Requirement | Choose an item. |
| % of GHG Emissions from Direct Fossil Fuel | Click or tap here to enter text. |
| 15.2 % of Reduction in GHG Emissions | Click or tap here to enter text. |
| 16B Modelled Performance Pathway: Reference Building | Choose an item. |
| % of Reduction in Peak Electricity Demand | Click or tap here to enter text. |

|  |  |
| --- | --- |
| **Points achieved in other credits:** | |
| 9.2 Provision of Outdoor Air | Choose an item. |
| 11.1 Minimum Lighting Comfort | Choose an item. |
| 11.2 General Illuminance and Glare Reduction | Choose an item. |
| 11.3 Surface Illuminance | Choose an item. |
| 12.1 Glare Reduction | Choose an item. |
| 12.2 Daylight | Choose an item. |
| 18A Potable Water: Performance Pathway | Click or tap here to enter text. |

|  |  |
| --- | --- |
| **Please state the percentage of nominated area that meets the below PMV bandwidths for 98% of the occupied hours:** | |
| **Range** | **Percentage of Compliant Nominated Area** |
| +/-0.5 | Click or tap here to enter text. |
| +/-1.0 | Click or tap here to enter text. |

I have included an image from the thermal model of the building.

|  |  |  |  |
| --- | --- | --- | --- |
| **Please enter the additional project information, key inputs and outputs as requested below:** | | | |
| Gross Floor Area (GFA) | | Click or tap here to enter text. | |
| Mechanically Ventilated Areas: | | Click or tap here to enter text. | |
| HVAC Type | | Click or tap here to enter text. | |
| Autosize/Actual Plant | | Click or tap here to enter text. | |
| Software/Version | | Click or tap here to enter text. | |
| Heating Fuel(s) | | Click or tap here to enter text. | |
| Cooling Fuel(s) | | Click or tap here to enter text. | |
| Energy Use (kwh/m2) | | Click or tap here to enter text. | |
| Supplied by Shared Energy Service | | Choose an item. | |
| On-Site Energy Generation | | Choose an item. | |
| **Building elements:** | | | |
|  | **R-Value** | | **Windows (SHGC)** |
| Glazing 1 | Click or tap here to enter text. | | Click or tap here to enter text. |
| Glazing 2 | Click or tap here to enter text. | | Click or tap here to enter text. |
| Glazing 3 | Click or tap here to enter text. | | Click or tap here to enter text. |
| Glazing 4 | Click or tap here to enter text. | | Click or tap here to enter text. |

I have completed and included a copy of the Greenhouse Gas Emissions Calculator.

**Narrative:** please provide any additional comments or notes regarding special circumstances or considerations in the project’s modelling approach.

|  |
| --- |
| Click or tap here to enter text. |

In providing the services, I confirm that I, the above listed NZGBC Accredited Energy Modeller have exercised the degree of skill, care and diligence normally expected of a competent professional for the energy and/or thermal comfort modelling of the above listed building.

|  |  |
| --- | --- |
| **First name:** Click or tap here to enter text. | **Company:** Click or tap here to enter text. |
| **Last name:** Click or tap here to enter text. | DATE |
| **Signature:** | |

## DECLARATION

I confirm that the information provided in this document is truthful and accurate at the time of completion.

Provide author details, including name, position and email address:

[Date]

––– **Report end** –––