# peak electricity demand reduction

### Credit 16

### Design Review Submission As Built Submission

|  |  |  |  |
| --- | --- | --- | --- |
| Total Points available: | 2 | Points claimed: | [#] |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Criteria | Description | Points Available | Points Claimed |
| **16A** | **Prescriptive Pathway – On-site Energy Generation** | The project uses on-site electricity generation systems to reduce the total peak demand by at least 15% | 1 |  |
| **16B** | **Modelled Performance Pathway - Reference Building** | The project has demonstrated that the peak electricity demand has been reduced below that of a reference building | 2 | [#] |

## Project-specific technical questions (formerly tcs and cirs)

|  |  |
| --- | --- |
| There are no project-specific Technical Questions for this credit. |  |
| There are project-specific Technical Questions for this credit and all responses received from the NZGBC are attached. |  |

## 16A prescriptive pathway: On-site Energy generation

|  |  |
| --- | --- |
| The project has demonstrated that onsite renewable energy or other on-site generation sources will reduce the total peak electricity demand by at least 15% |  |
| Total electricity demand | [#] |
| Peak electricity demand reduction due to on-site generation | [#] |
| % Reduction | [#%] |

Provide a summary of how the project has met the requirements of the credit.

|  |
| --- |
|  |

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation** (Name / title / description of document) | **Reference** (Page no. or section) |
| [####] | [####] |
| [####] | [####] |

## 16B modelled performance pathway: reference building

|  |  |
| --- | --- |
| The project has used the reference building pathway to demonstrate a peak electricity demand reduction. |  |
| The energy model used to determine the reduction in peak electricity demand meets the requirements of the credit and the GHG Emissions Calculator Guidelines |  |
| Peak electricity demand reduction (%) as entered in the GHG Emissions Calculator | [#%] |

Provide a summary of how the project has met the requirements of the credit:

|  |
| --- |
|  |

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation** (Name / title / description of document) | **Reference** (Page no. or section) |
| [####] | [####] |
| [####] | [####] |

## DISCUSSION

Outline any issues you would like to highlight and clarify with the Certified Assessor(s).

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|  |

## 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 –––