

Part 1 Energy Efficiency

NRB 1-10 Energy Efficient Practices & Features

Actual Assessment Submission

Site Verification Submission

Criteria	Credit Available	Credit Claimed
(a) Energy Efficiency Index (EEI) computation	1	
(b) Use of vertical greenery system on east and west facade to reduce heat gain through building envelope	1	
(c) Use of energy efficient features	11	
	(up to 15)	

Strategies:

Declaration:

I hereby declare that the information provided for this submission is truthful and accurate to be best of my knowledge at the time of submission:

Date of Submission:

PROJECT NAME				
SUBMITTING PROFESSIONAL	NAME	DESIGNATION	COMPANY	SIGNATURE
CLIENT	NAME	DESIGNATION	COMPANY	SIGNATURE



Documentary Evidences:

Order of documents to be submitted accordingly and clearly labeled.

Actual Assessment	Submitter	Assessor
<i>(a) Energy Efficiency Index (EEI) computation</i>		
1. Calculation of the Energy Efficiency Index (EEI) using the pre-determined daily usage pattern.	<input type="checkbox"/>	<input type="checkbox"/>
2. Detail calculation including operation hours for the estimated energy load for each component in the building etc.: lighting, air conditioning system, pump, receptacle load.	<input type="checkbox"/>	<input type="checkbox"/>
3. Technical product information and related drawing on the energy efficient features.	<input type="checkbox"/>	<input type="checkbox"/>
4. List of the assumption for the EEI calculation	<input type="checkbox"/>	<input type="checkbox"/>
<i>(b) Use of vertical greenery system on east and west facade to reduce heat gain through building envelope</i>		
1. Landscape plan layout showing the vertical greenery provision and building elevation.	<input type="checkbox"/>	<input type="checkbox"/>
2. Calculation showing the extent of the vertical greenery provision over the east and west façade areas.	<input type="checkbox"/>	<input type="checkbox"/>
<i>(c) Use of energy efficient features</i>		
1. Extracts of the tender specification showing the provision of the proposed energy efficient features and the extent of implementation where applicable.	<input type="checkbox"/>	<input type="checkbox"/>
2. Technical product information and related drawing on the energy efficient features used.	<input type="checkbox"/>	<input type="checkbox"/>
3. Calculation of the percentage energy saving that could be reaped from the use of these features.	<input type="checkbox"/>	<input type="checkbox"/>

Site Verification	Submitter	Assessor
<i>(a) Energy Efficiency Index (EEI) computation</i>		
1. Updated Calculation of the Energy Efficiency Index (EEI).	<input type="checkbox"/>	<input type="checkbox"/>
2. Updated calculation including operation hours for the estimated energy load for each component in the building etc.: lighting, air conditioning system, pump, receptacle load.	<input type="checkbox"/>	<input type="checkbox"/>
3. Technical product information and related drawings on the energy efficient features with purchase and delivery orders.	<input type="checkbox"/>	<input type="checkbox"/>
4. Electricity bill for at least 6 months of operation.	<input type="checkbox"/>	<input type="checkbox"/>
5. Actual EMS / BMS print-outs (where applicable).	<input type="checkbox"/>	<input type="checkbox"/>
6. Describe any deviation or changes to AA submission.	<input type="checkbox"/>	<input type="checkbox"/>
<i>(b) Use of vertical greenery system on east and west facade to reduce heat gain through building envelope</i>		
1. As built landscape layout plan showing the vertical greenery provision and building elevation.	<input type="checkbox"/>	<input type="checkbox"/>
2. Calculation showing the coverage area of the vertical greenery provision over the east and west façade areas.	<input type="checkbox"/>	<input type="checkbox"/>
3. Photographic evidences.	<input type="checkbox"/>	<input type="checkbox"/>
4. Describe any deviation or changes to AA submission.	<input type="checkbox"/>	<input type="checkbox"/>

(c) Use of energy efficient features

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|----------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| 1. Technical product information on the energy efficient features used with purchase and delivery order. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Calculation of the percentage energy saving that could be reaped from the use of these features. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Photographic evidences. | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Describe any deviation or changes to the AA submission. | <input type="checkbox"/> | <input type="checkbox"/> |