Part 1   Energy Efficiency

NRB 1-10 Energy Efficient Practices & Features

Actual Assessment Submission ☐   Site Verification Submission ☐

Criteria	Credit Available	Credit Claimed
(a) Building Energy Intensity (BEI) 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 13)	

Strategies:

Documentary Evidences:

Order of documents to be submitted accordingly and clearly labeled.

Actual Assessment	Submitter	Assessor
(a) Building Energy Intensity (BEI) computation		
1. Calculation of the Building Energy Intensity (BEI) using the pre-determined daily usage pattern.	☐	☐
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.	☐	☐
3. Technical product information and related drawing on the energy efficient features.	☐	☐
4. List of the assumption for the BEI calculation	☐	☐
(b) Use of vertical greenery system on east and west facade to reduce heat gain through building envelope		
1. Landscape plan layout showing the vertical greenery provision and building elevation.	☐	☐
2. Calculation showing the extent of the vertical greenery provision over the east and west façade areas.	☐	☐
(c) Use of energy efficient features		
1. Extracts of the tender specification showing the provision of the proposed energy efficient features and the extent of implementation where applicable.	☐	☐
2. Technical product information and related drawing on the energy efficient features used.	☐	☐
3. Calculation of the percentage energy saving that could be reaped from the use of these features.	☐	☐

Site Verification	Submitter	Assessor
(a) Building Energy Intensity (BEI) computation		
1. Updated calculation of the Building Energy Intensity (BEI) based on actual consumption.	☐	☐
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.	☐	☐
3. Technical product information and related drawings on the energy efficient features with purchase and delivery orders.	☐	☐
4. Electricity bill for at least 6 months of operation.	☐	☐
5. Actual EMS / BMS print-outs (where applicable).	☐	☐
6. Describe any deviation or changes to AA submission.	☐	☐
(b) Use of vertical greenery system on east and west facade to reduce heat gain through building envelope		
1. As-built landscape layout plan showing the vertical greenery provision and building elevation.	☐	☐
2. Calculation showing the coverage area of the vertical greenery provision over the east and west façade areas.	☐	☐
3. Photographic evidences.	☐	☐
4 Describe any deviation or changes to AA submission.	☐	☐
(c) Use of energy efficient features		
1. Technical product information on the energy efficient features used with purchase and delivery order.	☐	☐

2. Calculation of the percentage energy saving that could be reaped from the use of these features.   ☐   ☐

3. Photographic evidences.   ☐   ☐

4. Describe any deviation or changes to the AA submission.   ☐   ☐