



Circular Letter No.: 2023.186

Issue Date: 28 April 2023

Application: BEAM Plus NB Version 2.0

Effective Date: 28 April 2023

EU 7 Clothes Drying Facilities

1. The Technical Circular Letter hereby announces an update to the credit content for **EU 7 Clothes Drying Facilities** under BEAM Plus NB v2.0.
2. The aim of the update is to clarify the assessment criteria and the submittal requirement of clothes drying facilities, including portable clothes drying rack under **EU 7 Clothes Drying Facilities**.
3. The requirements given in Section 1.3 and Section 5.3 of the BEAM Plus NB v2.0 Manual (2021 Edition) are hereby updated with the enclosures in Annex A and Annex B of this Technical Circular Letter.
 - Pages Annex A-1 shall replace all contents in Section 1.3 Summary of Credits specified in Pages 28 of the Manual; and
 - Pages Annex B-1 to B-3 shall replace all contents in Section 5.3 on EU 7 specified in Pages 271 to 273 of the Manual.
4. Approved PA projects: For projects that have already completed PA and have certain assessment approach approved, the Applicant may opt to adopt the same assessment criteria for FA or voluntarily comply with this Technical Circular Letter. For the avoidance of doubt, the Applicant shall provide PA evidence (e.g., extract of the PA report, documents submitted for assessment in PA, etc.) in subsequent assessments to support the intention of using the same assessment methodology as in PA.

A handwritten signature in black ink, appearing to read "Colin Chung", is written over a horizontal line.

Ir Colin Chung
Chairperson of Standards Sub-committee

Annex A:
Updated Credit Content for Section 1.3 under BEAM Plus NB v.2.0

	Section	Credit Requirement	Extent of Application	Credit
EU 5	Renewable and Alternative Energy Systems	<p>(a) Solar Energy Feasibility Study</p> <p>1 credit for evaluating the building roof's potential in harnessing solar energy.</p> <p>(b) On-site Renewable Energy Application</p> <p>1 to 5 credits plus 5 additional BOUNDS for using on-site renewable energy systems to offset annual building energy consumption for controlled area from 0.2% to 2%.</p>	All buildings	6 + 5 additional BONUS
EU 6	Air-Conditioning Units	<p>(a) Compliance with Manufacturer's Recommendation</p> <p>1 credit for complying with manufacturer's recommended installation positions for optimal heat rejection.</p> <p>(b) Performance Verification</p> <p>1 credit for demonstrating the operating temperatures of all variable refrigerant flow (VRF) units, window type, split-type or packaged type air-conditioning units do not exceed manufacturer's recommendation for the specified COP in the manufacturer's technical specifications via computational simulation techniques.</p>	All buildings using variable refrigerant flow (VRF) units, window or split-type air conditioners as major source of air conditioning.	2
EU 7	Clothes Drying Facilities	<p>(a) Provision of Clothes Drying Facilities</p> <p>1 credit for providing clothes drying facilities for all residential units under suitable location conditions.</p> <p>(b) Demonstration of Effectiveness</p> <p>1 BONUS credit for demonstrating the effectiveness of clothes drying facilities via computational analysis.</p>	Residential buildings	1 + 1 BONUS
EU 8	Energy Efficient Appliances	<p>1 credit when 60% of total rated power of appliances are certified energy efficient products.</p> <p>2 credits when 80% of total rated power of appliances are certified energy efficient products.</p>	Residential buildings and hotel	2

**Annex B:
Updated Credit Content for Section 5.3 under BEAM Plus NB v2.0**

5	Energy Use	5.3	Energy Efficient Equipment
		EU 7	Clothes Drying Facilities
Extent of Application	<i>Residential buildings</i>		
Objective	Encourage wider use of natural means in lieu of gas or electricity for clothes drying purposes.		
Credits Attainable	1 + 1 BONUS		
Credit Requirement	<p>(a) Provision of Clothes Drying Facilities</p> <p>1 credit for providing clothes drying facilities for all residential units under suitable location conditions.</p> <p>(b) Demonstration of Effectiveness</p> <p>1 BONUS credit for demonstrating the effectiveness of clothes drying facilities via computational analysis.</p>		
Assessment	<p>(a) Provision of Clothes Drying Facilities</p> <p>Fulfill below requirements on the location of the clothes drying facilities such as balcony/ utility platform for each dwelling unit:</p> <ol style="list-style-type: none"> 1) The clothes drying facilities are protected from water droplets and debris falling from higher levels; and 2) At re-entrant location, the clothes drying facilities are required to be: <ol style="list-style-type: none"> i. 0.5m horizontal distance away from air-conditioning units; and ii. 1.5m horizontal distance away from kitchen exhausts <p>to mitigate the potential nuisances by smoke, fumes and pollutants emitted from water heaters, cooking exhausts, discharges from air-conditioning units.</p> <p>If the provision is portable clothes drying rack, supporting documents (e.g. Declaration Letter from the Project Owner/ Developer, Tender Specification, etc.) shall be submitted to demonstrate the commitment of the provision.</p> (b) Demonstration of Effectiveness <p>Prepare a Computational Analysis Report with the following contents:</p> <ol style="list-style-type: none"> 1) Description of the surrounding environment; 2) Building orientation; 3) Locations of the clothes drying facilities; 4) Methodology of study, including but not limited to the software tools used, assumptions, calculation methods and screenshots of input parameters; and 5) Demonstration of the clothes drying facilities effectiveness by meeting one of the below requirements. 		

5.1. Sunlight

1 Hour, with 5-minute reporting interval, of direct solar exposure in winter solstice (冬至日)

5.2. Wind

Minimum wind velocity of 0.5m/s under winter prevailing wind with the highest wind frequency should be used.

The Computational Analysis Report should be endorsed by a locally qualified professional with 3 years of relevant experience in computational simulation.

Submittals**(a) Provision of Clothes Drying Facilities**

Supporting Documents <i>Please provide softcopies with filename prefix as indicated on the leftmost column below.</i>		PA	FA
EU_07a_00	BEAM Plus NB submission template for EU 7a	✓	✓
EU_07a_01	Layout plans with indications of the locations of the clothes drying facilities For re-entrant locations, the locations with respect to air conditioning units and kitchen vents shall also be indicated to demonstrate the compliance	✓	✓
EU_07a_02	Elevation/ section drawings with indications to demonstrate the falling protections for the clothes drying facilities	✓	✓
EU_07a_03	Supporting documents (e.g. Declaration Letter from the Project Owner/ Developer, Tender Specification, etc.) to demonstrate the commitment of the provision (Substantiation for portable clothes drying racks only)	✓	✓
EU_07a_04	Relevant page(s) of the General Building Plan to show the development is not a residential development or does not consist of residential portion (Substantiation for non-applicability only)	✓	✓

(b) Demonstration of Effectiveness

Supporting Documents <i>Please provide softcopies with filename prefix as indicated on the leftmost column below.</i>		PA	FA
EU_07b_00	BEAM Plus NB submission template for EU 7b	✓	✓
EU_07b_01	CV of the professional as per requirements in the assessment	✓	✓
EU_07b_02	Endorsed Computational Analysis Report	✓	✓

Remarks	(a) Additional Information
	None
	(b) Related Credits
	None